# PROCEEDINGS

OF THE

# MADRAS GOVERNMENT

IN THE

# PUBLIC WORKS DEPARTMENT,

## BUILDINGS AND ROADS BRANCH,

FOR THE

## MONTH OF NOVEMBER 1890.

*Printed by Authority.*

MADRAS:
PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1890.

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# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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| *Domestic Occurrences.*—Proceedings in the Military Department, communicating letter from the Adjutant-General requesting that — connected with men of the Royal Artillery on the Unattached list serving in the Public Works Department should in future be forwarded to the Colonel on the Staff, Royal Artillery, Madras Circle, Ootacamund, communicated to officers of the department. | 1890.<br>15th Nov.<br>No. 3040 W. | ... | 8th Oct. 1888, No. 3147 W. |
| *Funds.*—Certain modification of allotments proposed by the Superintending Engineer, III Circle, sanctioned, and the current year's grant for constructing a Telegraph office at Guntakal, Bellary district, resumed and replaced at the disposal of the Director-General of Telegraphs. | 17th Nov.<br>No. 3054 W. | ... | 24th Sept 1890, No. 3873 C.<br>7th June 1890, No. 1586 W.<br>1st Nov. 1890, No. 4479 C.<br>15th Oct. 1890, No. 4189 C.<br>12th Sept. 1890, No. 3734 C.<br>11th Aug. 1890, No. 3373 C.<br>7th July 1890, No. 2938 C.<br>21st April 1890, Nos. 1173-74 W. |
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| *Rules.*—From Government of India forwarding copy of a letter regarding — regulating the pay of Non-commissioned officers promoted to warrant rank whilst on furlough, communicated to Superintending Engineers | 17th Nov.<br>No. 3057 W. | ... | 13th Dec. 1889, No. 3565 W. |
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| *Sea Custom house, Madras.*—Estimate for constructing a shed for the wineyard at the —, sanctioned. | 18th Nov. No. 3072 W. | ... | 9th July 1890, No. 1876 W. |
| *Artesian well boring at Tuticorin.*—Orders directing the discontinuance of the —. | 18th Nov. No. 3078 W. | ... | 3rd Mar. 1890, No. 673 W.<br>20th May 1890, No. 135 W.<br>26th Sept. 1889, No. 3350 W.<br>15th Aug. 1889, No. 3682 C. |
| *Madras Harbour Works.*—Progress report of the — for quarter ending 30th September 1890, ordered to be forwarded to the Secretary of State. | 19th Nov. No. 3085 W. | ... | 19th Sept. 1890, No. 2508 W.<br>20th Oct. 1890, Nos. 2779—81 W. |
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| *Municipal drain outside Fort St. George.*—Orders on letter from the Quartermaster-General forwarding correspondence relating to the stench arising from the — and requesting that immediate steps be taken to remedying the nuisance. | 19th Nov. No. 3087 W. | ... | 17th Sept. 1890, No. 2483 W.<br>11th Oct. 1890, No. 4136 C.<br>17th May 1890, No. 2288 C.<br>15th Mar. 1890, No. 856 W.<br>4th Feb. 1890, No. 586 C.<br>20th Nov. 1883, No. 3304 W.<br>22nd Dec. 1881, No. 3180 W.<br>3rd Nov. 1881, No. 2721 W.<br>6th Aug. 1883, No. 2154 W.<br>15th June 1882, No. 2903 W. |
| *Government Press, Madras.*—Revised estimate for providing and setting up the steam machinery in the —, sanctioned. | 24th Nov. No. 3123 W. | ... | 22nd Sept. 1890, No. 3919 C.<br>9th Aug. 1889, No. 2143 W.<br>9th July 1889, No. 487 D.<br>30th Mar. 1886, No. 858 W. |
| *Bridge.*—Revised estimate for constructing an iron girder — across the Gadilam river, South Arcot district, sanctioned. | 24th Nov. No. 3124 W. | ... | 25th Sept. 1889, No. 2674 W.<br>1st Aug. 1889, No. 15/2069 W. |

| 1<br>Subjects. | 2<br>Dates of Proceedings. | 3<br>Date of Report to Secretary of State for India. | 4<br>Numbers and Dates of previous Proceedings. |
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| *Funds.*—The sanction accorded by the Government of India to an additional allotment to provide for repairs to Port offices and to the salt factory bund at Vayalur, communicated to officers concerned. | 24th Nov. No. 3128 W. | ... | 3rd Sept. 1890, No. 2367 W.<br>17th July 1890, No. 1936 W. |
| *Buildings at Ranipet, North Arcot district.*—The demolition of certain —, sanctioned. | 25th Nov. No. 3132 W. | ... | 21st Nov. 1889, No. 3310 W.<br>26th Sept. 1889, No. 2620 W.<br>29th May 1889, No. 2389 W. |
| *Sub-Registrar's office at Avanigedda, Kistna district.*—Estimate for constructing a —, sanctioned. | 25th Nov. No. 3133 W. | ... | 11th Aug. 1890, No. 2177 W.<br>21st July 1888, No. 2230 W. |
| *District Munsif's Court at Kásaragód, South Canara district.*—Revised estimate for improvements to the —, sanctioned. | 25th Nov. No. 3136 W. | ... | 14th Aug. 1888, No. 2468 W. |
| *Temporary establishment.*—Certain — required in connection with Tank Restoration Works in the Tinnevelly and Madura divisions, sanctioned. | 25th Nov. No. 3137 W. | ... | ...... |
| *Government brickfields, Madras.*—Estimates for pugging machinery and the construction of a shed at the —, sanctioned, and the proposals of the Consulting Architect for the adjustment of the charge, accepted. | 25th Nov. No. 3138 W. | ... | 23rd Oct. 1890, No. 4309 C.<br>5th Nov. 1890, No. 4533 C. |
| *Money Order commission for Service Money Orders.*—Letter from the Director-General of the Post office of India declining, with remarks, to make any reduction in the present rates of —, recorded. | 25th Nov. No. 3139 W. | ... | 7th June 1890, No. 1582 W.<br>5th June 1890, No. 1483 W.<br>16th Mar. 1889, No. 802 W.<br>19th Jan. 1888, No. 221 W.<br>11th Nov. 1887, No. 3045 W.<br>13th Sept. 1888, Nos. 2855-56 W. |

| 1<br>Subjects. | 2<br>Dates of Proceedings. | 3<br>Date of Report to Secretary of State for India. | 4<br>Numbers and Dates of previous Proceedings. |
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| *Indent.*—Ordered that the — for cast lead sheeting required for the roof of the Telegraph office at Madras, be forwarded to the Home Government for compliance. | 1890.<br>25th Nov.<br>No. 3141 W. | ... | ...... |
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# PUBLIC WORKS DEPARTMENT,

## BUILDINGS AND ROADS BRANCH.

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# PROCEEDINGS OF THE MADRAS GOVERNMENT,

## FOR THE MONTH OF NOVEMBER 1890.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 8th October 1890, No. 3227.

I have the honor to submit, for early sanction, a revised estimate with comparative statement of Rs. 1,75,300 for constructing a masonry bridge of 16 arches of 60 feet span across the Ponniár river in lieu of the original estimate of Rs. 1,66,100 as sanctioned in G.O., No. 3148 W., dated 21st November 1887.

2. The excess is partly due (1) to superior brickwork; (2) to superior floor and retaining wall to floor, &c., as designed by Mr. Norfor; and (3) to the necessity for building relieving arches over the spandrils so as to decrease the weight of the bridge as much as possible for the reasons already reported in my letter No. 1937, dated 23rd July 1890.

3. The signs of settlement in Nos. 1, 2, 3 piers at the south end of the bridge have not changed since July.

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ORDER—dated 3rd November 1890, No. 2892 W., Public Works.

The revised estimate, amounting to Rs. 1,75,300, for constructing a masonry bridge across the Ponniár river, is sanctioned in supersession of the estimate * of Rs. 1,66,100 sanctioned in G.O., No 3148 W., dated 21st November 1887.

* Registered as Provincial No. 136 W. of 1888-89—*vide* G.O., No. 514 W., dated 20th February 1889.

2. This sanction has been registered as Provincial No. 66 W. of 1890-91, and classified as Communications, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 3rd.*

*Recd.* *Encl.*

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**G.O., 3rd Nov. 1890, No. 2892 W.**

---

**NOVEMBER.**

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**Bridge**

Revised estimate of Rs. 1,75,300 for constructing a masonry — across the Ponniár river, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

Read—the following papers :—

Proceedings of the Board of Revenue (Land Revenue), dated 30th July 1890, Mis. No. 4780.

Mr. H. W. Bliss.

*Read*—the following letter from E. S. LAFFAN, Esq., Acting Collector of Bellary, to the Secretary to the Commissioners of Land Revenue, dated Bellary, 12th July 1890, No. 1364 :—

I have the honor to observe that in G.O., No. 1681 W., dated 7th June 1888, an estimate for the construction of a new Taluk Cutcherry at Kúdligi was sanctioned. The building is in progress, and will probably be ready for occupation by the end of October. It has been suggested that the old Taluk Cutcherry building should be made over to the Hospet Taluk Board and utilized for the accommodation of the Local Fund school and Union office as also for a public reading-room in case the townspeople should be disposed to maintain one.

2. The actual value of the building is estimated by the Executive Engineer at Rs. 3,596, but its probable selling value in the open market at a small and out-of-the-way town like Kúdligi is estimated by him at only Rs. 1,000, an estimate in which the Tahsildar of Kúdligi concurs. I have the honor to recommend that the building should be made over to the Taluk Board free of cost on condition that they maintain it in good repair. If, however, Government is not prepared to sanction this course, I would suggest that the building be sold to the Board for Rs. 1,000. In order to fit it for the purposes contemplated it would be advisable to remove the lean-to tiled verandahs which surrounds three sides of the interior court and the porch which encumbers the entrance. Permission to carry out these improvements might be accorded to by the Board in case the Government sees fit to make the building over free of expense.

*Resolution*—dated 30th July 1890, Mis. No. 4780.

Submitted for the orders of Government.

2. The Board recommends the sale of the building to the Taluk Board for Rs. 1000, which is stated to be as much as is likely to be realised by its sale by auction.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

No. 4848, Revenue.

Transferred to the Public Works Department.

(Signed) C. A. GALTON,
Secretary to Government.

Ootacamund,
6th August 1890.

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 9th October 1890, No. 1997.

In returning your original endorsement No. 600 D., dated 11th August 1890, I have the honor to state that the Taluk Board at Hospet is willing to take over the old Taluk Cutcherry building at Kúdligi if given free.

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ORDER—dated 3rd November 1890, No. 2893 W., Public Works.

The Government is not disposed to transfer the old Taluk Cutcherry at Kúdligi to the Taluk Board free of cost.

2. When vacated by the Tahsildar the building will be put up to auction by the Revenue Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 3rd.*

*Recd.* *Encl.*

---

**G.O., 3rd Nov. 1890, No. 2893 W.**

---

**NOVEMBER.**

---

### Taluk Cutcherry

Declining to transfer the old — at Kúdligi to the Taluk Board free of cost, and the Revenue Department requested to put up the building to auction when vacated by the Tahsildar.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 27th October 1890, No. 1479 T. J.

I have the honor to submit, for your approval, the accompanying revised estimate, amounting to Rs. 6,375, for constructing a sub-division bungalow and out-houses at Mannárgudi, Tanjore district.

2. The original estimate of Rs. 6,375 was sanctioned in G.O., No. 795 W., dated 24th March 1886. The amounts of the original and revised estimates are the same, and no excess expenditure is involved by the revision now made.

3. The cause of revision is due to the change of design, and it would appear that the accompanying revised design is more suitable for a sub-division officer's quarters than the original one. The sub-division office and out-houses will be built as per sanctioned plan and estimate.

4. I request that the plan and estimate may be returned to me with your approval as soon as possible for execution, in order that the current year's allotment of Rs. 4,000 made in G.O., No. 2187 W., dated 12th August 1890, may be fully utilized.

5. The original sanctioned plan and estimate are also herewith submitted for reference. If the revised plan meets with your approval, I request that the same be wired.

---

ORDER—dated 3rd November 1890, No. 2894 W., Public Works.

The revised estimate, amounting to Rs. 6,375, for constructing quarters for the sub-divisional officer at Mannárgudi, is sanctioned in supersession of the estimate of the same amount sanctioned in G.O., No. 795 W., dated 24th March 1886.

2. This sanction has been registered as Provincial No. 65 W. of 1890-91, and classified as Civil Buildings, Original Works.

3. The following telegram will be despatched to the Superintending Engineer, VI Circle :—

"Your 1479 T.J., twenty-seventh ultimo. Revised plan approved."

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with seven enclosures.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 3rd.*

*Recd.* *Encl.*

---

**G.O., 3rd Nov. 1890, No. 2894 W.**

---

**NOVEMBER.**

---

**Quarters**

Revised estimate amounting to Rs. 6,375 for constructing — for the sub-divisional officer at Mannárgudi, sanctioned.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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### General.
### Establishment.

Read—the following papers:—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, Madras, to the Chief Engineer, Public Works Department, dated Madras, 4th October 1890, No. 10065.

I have the honor to forward, for favorable consideration, copy of a letter from the Principal, College of Engineering, No. 487, dated 9th ultimo, suggesting that the guaranteed appointments of College students as Assistant Engineer and Overseer might advantageously be made with effect from 1st January.

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Enclosure.

From Captain H. D. LOVE, R.E., Principal, College of Engineering, Madras, to the Director of Public Instruction, Madras, dated 9th September 1890, No. 487 C.

I have the honor to suggest, for the consideration of the Chief Engineer, Public Works Department, that the guaranteed appointments of College students as Assistant Engineer and Overseer might advantageously be made with effect from 1st January. Hitherto the guaranteed appointment as Assistant Engineer has, I believe, generally been made on 1st April. Guaranteed appointments as Overseer will be conferred next year for the first time, the students finishing their practical course on 31st December 1890. I make the above suggestion on the ground that it is of importance to students who have spent four-and-a-half and five years in being technically trained to secure remunerative employment as early as possible.

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Office note from the Examiner, Public Works Accounts, dated Madras, 17th October 1890, No. 6209.

Code para. 68 fixes no date from which the guaranteed appointments from the Madras College of Engineering are to be made by Government, and Code para. 81 D. fixes the date of commencement of service from the date of joining first appointment. If it is intended to make the appointments from 1st January 1891, it is suggested that a report may be made to the Government of India.

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Order—dated 3rd November 1890, No. 2895 W., Public Works.

As the practical courses of passed students of the Madras College of Engineering terminate at the end of December, the guaranteed appointments as Assistant

Engineer and Overseer will be made from 1st January, but actual service will count only from the date of joining first appointment.

2. A copy of these Proceedings will be forwarded to the Government of India for confirmation.

(Here enter No. 2896 W., dated 3rd November 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Educational Department.
" Examiner, Public Works Accounts.

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ENDORSEMENT—dated 3rd November 1890, No. 2896 W., Public Works.

Forwarded.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 3rd.*

*Recd.* *Encl.*

---

**G.O., 3rd Nov. 1890, Nos. 2895, 2896 W.**

---

**NOVEMBER.**

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## Appointments

Forwarding copy of Proceedings fixing the date of appointment of passed students of the Madras College of Engineering to the guaranteed —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

Proceedings of the Board of Revenue (Land Revenue), dated 2nd October 1890, Mis. No. 6299.

MR. H. W. BLISS.

*Read*—the following papers :—

Official Memorandum from the Under-Secretary to Government, Revenue Department, dated 25th August 1890, No. 255 R., and the following reference thereon, dated 2nd September 1890.

Forwarded to the Collector of Tanjore who is requested to expedite the report and plan called for in the Government Order communicated to him with Board's Proceedings, dated 16th May 1890, Mis. No. 3055.

From J. THOMSON, Esq., Acting Collector, Tanjore, to the Secretary to Government, Revenue Department, through the Board of Revenue (Land Revenue), dated Vallam, 22nd September 1890, No. 663.

Referring to para. 2 of G.O. No. 1079 W., Public Works, dated 10th April 1890, communicated with G.O. No. 2681, dated 1st May 1890, Revenue Department, I have the honor to submit herewith a plan (to be returned) showing the Executive Engineer's quarters at Negapatam, the Municipal office there, and the passage between them.

2. The land handed over to the Public Works Department in 1887 is color-washed, and the place where the Executive Engineer has put up a fence and blocked the formerly used path is marked A in blue pencil in the plan. The passage is not measured in paimash as *path*, but is a portion of the Kadambadi "maidan." Before the land color-washed was given over to the Public Works Department, it, as well as the other lands in the maidan, was not enclosed, and bandies and people were using it as a short way to the well beyond the compound on the east. The giving the land for the Public Works Department Engineer's quarters has necessarily interfered with the former way to the well; but it does not appear that the public has any rights to such way, the maidan being Government property. A more circuitous way has to be taken, but they are not prevented from access to the well.

*Resolution*—dated 2nd October 1890, Mis. No. 6299.

Submitted to Government with reference to the Government orders quoted by the Collector.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

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No. 6139, Revenue.

Transferred to the Public Works Department.

FORT ST. GEORGE,
9th October 1890.

(Signed) C. A. GALTON,
Secretary to Government.

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ORDER—dated 4th November 1890, No. 2911 W., Public Works.

His Excellency the Governor in Council agrees with the Collector in thinking that there is no reason why a pathway to the well should be kept open across the land made over to the Public Works Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
„ Revenue Department, with plan returned.
„ Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 4th.*

*Recd.* *Encl.*

---

**G.O., 4th Nov. 1890, No. 2911 W.**

---

**NOVEMBER.**

---

**Pathway**

Declining to keep open the — between the Executive Engineer's quarters and Municipal office at Kadambadi, Negapatam.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From V. M. FERNANDEZ, Esq., Chairman, Municipal Council, Mangalore, to the Chief Secretary to Government (through the Collector of South Canara), dated Mangalore, 1st October 1890, No. 474.

Adverting to the order of Government, dated 4th June 1890, Mis. No. 867 M., communicating copy of the Proceedings of the Public Works Department, dated 23rd May 1890, No. 1451 W., passed in connection with my letter No. 681 of 6th December 1889, I have the honor to bring to the notice of Government that the Collector's Press has recently been shifted back to the Huzur Cutcherry and to request, therefore, that they may be pleased to finally decide the question of transfer of the vacant taluk cutcherry building to the Municipal Council for their school-house.

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No. 3822.

Forwarded.

2. The taluk cutcherry building has now been completely vacated by the Collectorate Press establishment and is available for transfer to the Municipal Council and the District Board (both of whom require it for their respective schools) on such terms as the Government may desire to prescribe.

3. As will be seen from the enclosed sketch, the building consists of three distinct blocks standing in a line, contiguous to each other, and all situated in the same compound. The central block (which is the largest) is the old taluk cutcherry and is required by the Municipal Council for the location of its middle school. Of the two smaller blocks the municipality also wants the one situated to the east of the taluk cutcherry (formerly used as the Town Sub-Magistrate's office) for the purpose of opening a Muhammadan school, while the District Board is at present actually occupying the western block (formerly used as a Munsif's Court) and require it for their normal school. The last-named building was allowed to be so occupied as a temporary measure in June 1876. The exact present value of the buildings cannot be stated unless they are thoroughly examined and valued by the Public Works Department. It may, however, be roughly estimated at 8,000 rupees including the value of the compound. The roofing of all except the present normal school portion is very much out of repairs, and the renovation of the other portions, if handed over to the Municipal Council, will probably cost it about Rs. 6,000 to put in thorough order.

4. As it is not possible to anticipate at present what the future constantly expanding requirements of the Provincial services will be and as sites, where public buildings of importance may be located, are getting very scarce in this town, I would recommend that the Government should not surrender the buildings and the site in perpetuity and unconditionally to the Municipal and Local funds.

5. The block occupied at present by the normal school is not sufficient for the purpose, and the District Board has therefore run up a temporary shed to secure additional accommodation. With slight improvements and additions this block can be rendered well adapted for the purposes of the normal school. The roof of the remaining two blocks has, as already stated, to be repaired—indeed to a great extent renewed—and I think the municipality may be left to do this and any further improvement it may require at its own cost, and the buildings transferred to the two bodies for use so long as they may want them for public purposes on the condition that they are to be repaired and kept up at their own cost and surrendered to Government when they may be required for its own use at a fair valuation of such improvements as may be effected by them only.

MANGALORE,
9th October 1890.

(Signed) V. A. BRODIE,
Acting Collector.

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No. 853, Local and Municipal.

Transferred to the Public Works Department.

FORT ST. GEORGE,
18th October 1890.

(Signed) A. G. CARDEW,
Under Secretary.

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ORDER—dated 4th November 1890, No. 2912 W., Public Works.

The transfer of the buildings to the Municipal Council and District Board on the terms stated by the Collector is sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Local and Municipal Department, with plan.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 4th.*

*Recd.* *Encl.*

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**G.O., 4th Nov. 1890, No. 2912 W.**

---

**NOVEMBER.**

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**Old Taluk Cutcherry at Mangalore**

The transfer of the — to the Municipal Council and District Board on certain conditions, sanctioned.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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**General.**
**Establishment.**

Read—the following paper :—

From G. H. D. WALKER, Esq., Under-Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 7th October 1890, No. 2759 G.

With reference to rule IV in para. 5 of Public Works Department Resolution, No. 528—43 G., dated the 6th April 1882, laying down the conditions under which temporary Engineers are to be employed, I am directed to state that the Government of India considers that, in the case of persons who are engaged for a special work, their engagement cannot extend beyond the period during which the work lasts. If dismissed, otherwise than for serious misconduct, before the completion of the work, they will be entitled to a month's notice, or pay in lieu of notice; but in any case, with or without notice, their engagement terminates when the work ends. The object of this order is to prevent claims for a month's pay after a work is completed, when the formal month's notice has not been given, or has lapsed from any cause.

2. This should be clearly explained to men engaged under the circumstances mentioned.

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Order—dated 4th November 1890, No. 2913 W., Public Works.

Recorded, for guidance, in continuation of G.O., No. $\frac{1438}{A.}$ W., dated 9th June 1882.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
To Superintending Engineers.
To the Consulting Architect to Government.
" Financial Department.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 4th.*

*Recd.* *Encl.*

---

**G.O., 4th Nov. 1890, No. 2913 W.**

---

**NOVEMBER.**

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## Temporary Engineers

Letter from the Government of India stating that in the case of —, engaged for a special work, their engagement terminates, whether with or without notice, when the work ends, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

---

**General.**
**Establishment.**

READ—the following papers :—

From the Superintending Engineer, III Circle, dated Bellary, 11th October 1890, No. 2023.

## STATEMENT of Proposition for revision of Establishment in the Bellary Division.

| Order sanctioning the present establishment: G.O. No. | Order sanctioning the present establishment: Dated | Office to which the proposition refers | Nature of Change — Present scale: Number | Present scale: Designation | Present scale: Pay: Minimum | Present scale: Pay: Increment | Present scale: Pay: Maximum | Present scale: Pay: Average or fixed | Proposed scale: Number | Proposed scale: Designation | Proposed scale: Pay: Minimum | Proposed scale: Pay: Increment | Proposed scale: Pay: Maximum | Proposed scale: Pay: Average or fixed | Proposition — Permanent: Increase per month: Amount | Permanent: Decrease per month: Amount | Temporary: Increase per month: Period | Temporary: Increase per month: Amount | Temporary: Decrease per month: Period | Temporary: Decrease per month: Amount | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2011 W. | 23rd July 1890. | Bellary Division. | | *Divisional Office.* | | | | | | *Divisional Office.* | | | | | RS. | RS. | | RS. | | RS. | |
| | | | 1 | Clerk, III class, 3rd grade. | 60 | 2 | 60 | 57½ | 1 | Clerk, III class, 3rd grade. | 50 | 2 | 60 | 57½ | .. | .. | .. | .. | .. | .. | |
| | | | *2 | Clerks, IV class, 2nd grade. | 60 | 4 | 80 | 75 | *2 | Clerks, IV class, 2nd grade. | 60 | 4 | 80 | 75 | .. | .. | .. | .. | .. | .. | * A clerk, IV class, 1st grade, is now working in this division instead of a IV class, 2nd grade clerk transferred to V Circle office—*vide* Chief Engineer's Memo. No. 2859 C., dated 1st July 1890. |
| | | | 3 | Clerks, IV class, 3rd grade. | 20×3 | 2×3 | 30×3 | 82½ | 3 | Clerks, IV class, 3rd grade. | 20×3 | 2×3 | 30×3 | 82½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Draftsman, 2nd class. | 35 | 3 | 50 | 46¼ | 1 | Draftsman, 2nd class. | 35 | 3 | 50 | 46¼ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Draftsman, 3rd class. | 20 | 2 | 30 | 27½ | 1 | Draftsman, 3rd class. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. | 7 | .. | .. | 7 | 1 | Messenger .. | 7 | .. | .. | 7 | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Do. .. | 6 | .. | .. | 6 | 1 | Do. .. | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Lascars .. .. | 6×3 | .. | .. | 18 | 3 | Lascars .. .. | 6×3 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | |
| 1874 W. | 8th July 1890. | | 1 | Storekeeper .. | 50 | .. | .. | 50 | 1 | Storekeeper .. | 50 | .. | .. | 50 | .. | .. | .. | .. | .. | .. | The increase of pay from Rs. 15 to 50 has been sanctioned in G.O., No. 1874 W., dated 8th July 1890. |
| 1729 W. | 14th July 1881. | | | *Hospet Sub-division.* | | | | | | *Hospet Sub-division.* | | | | | | | | | | | |
| | | | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. | 6 | .. | .. | 6 | 1 | Messenger .. | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Sub-divisional Lascars. | 6×3 | .. | .. | 18 | 3 | Sub-divisional Lascars. | 6×3 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | |
| | | | | *Anantapur Sub-division.* | | | | | | *Anantapur Sub-division.* | | | | | | | | | | | |
| | | | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. | 6 | .. | .. | 6 | 1 | Messenger .. | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Sub-divisional Lascars. | 6×3 | .. | .. | 18 | 3 | Sub-divisional Lascars. | 6×3 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | |
| | | | | *Bellary Sub-division.* | | | | | | *Bellary Sub-division.* | | | | | | | | | | | |
| | | | .. | *Nil* .. .. | .. | .. | .. | .. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 27½ | .. | .. | .. | .. | .. | |
| | | | .. | *Nil* .. .. | .. | .. | .. | .. | 1 | Messenger .. .. | 6 | .. | .. | 6 | 6 | .. | .. | .. | .. | .. | |
| | | | .. | *Nil* .. .. | .. | .. | .. | .. | 3 | Lascars (Sub-divisional). | 6×3 | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | |

BELLARY,
11th October 1890.

(Signed) H. SMALLEY, Colonel, R.E.,
*Superintending Engineer, III Circle.*

Submitted to the Chief Engineer, Public Works Department, for sanction with reference to para. 3 of G.O., No. 2276 W., dated 22nd August 1890.

(Signed) H. SMALLEY, Colonel, R.E.,
Superintending Engineer, III Circle.

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From the Examiner, Public Works Accounts, dated Madras, 24th October 1890, No. 6331.

Entries in column "Present scale" of the proposal statement have been checked and found correct.

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ORDER—dated 5th November 1890, No. 2927 W., Public Works.

The office and petty establishments required for the Bellary sub-division, as detailed in the statement submitted by the Superintending Engineer, III Circle, are sanctioned.

2. This sanction has been registered as Provincial No. 60 W. of 1890-91, and classified as Establishment, Permanent.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of {1890} Madras.

**PUBLIC WORKS.**

*Dated November, 5th.*

*Recd.* *Encl.*

---

**G.O., 5th Nov. 1890, No. 2927 W.**

---

**NOVEMBER.**

---

**Establishments, Bellary Division**

Certain proposed office and petty — required for the Bellary sub-division, sanctioned.

GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 6th October 1890, No. 822 G.N.

With reference to para. 6 of G.O., No. 2255 W., dated the 20th August 1890, I have the honor to submit herewith a statement of details for lump sum grants given for estate works in the Ganjam division. The totals of details in the case of Dhárákót, Bodogoda, Aska, Kallikót and Atagadá estates amount to more than the modified grants shown in the above Government order. Details of grant for the Parlákimedi estate have been omitted from the statement, and the Executive Engineer promises to send the details after the accounts of that estate are finally closed. For Jarada estate Rs. 500 only have been given in G.O., No. 2548 W., dated the 25th September 1890, for emergent minor irrigation works, but the statement contains works to the extent of Rs. 3,700. These works will be carried out in next year when an increased allotment may be granted.

2. The statement now submitted contains details for Rs. 59,390, and the Executive Engineer states that he will apply in his next application for the additional funds required. Considering, however, the present expenditure on the estate works, I am doubtful whether he will be able to spend the whole amount included in the statement, but will report further on the subject when sending my next application for modifications of allotments.

3. For the Kurla estate the total of the details given is Rs. 1,025 less than the modified grant shown in G.O., No. 2255 W. of the 20th August 1890, but the Executive Engineer does not afford any explanation for this decrease.

4. A comparative statement showing the present grant and the amounts shown in the statement of details accompanies this letter.

ENCLOSURES.

STATEMENT showing details for the lump sums noted in the statement that accompanied this office No. C-9, dated 14th July 1890.

| Name of estate. | Sub-heads. | Details. | Amount proposed to be spent. | Grant. | Remarks. |
|---|---|---|---|---|---|
| | | | RS. | RS. | |
| Dhárákót .. | Irrigation, Original Works. | Coolies for survey .. .. .. | 40 | | |
| | | Sluice for Mangalapur Soro .. .. | 300 | | |
| | | Do. Valambo .. .. .. | 300 | | |
| | | Do. Ruguno .. .. .. | 360 | 1,000 | |
| | Irrigation, Repairs. | Closing breaches Jahada Hojjo .. | 105 | | |
| | | Do. Adiyabondo of Mohupodra. | 105 | | |
| | | Do. Sukanady tanks .. | 730 | | |
| | | Do. Pony bondo .. | 90 | | |
| | | Do. do. Hojjo .. | 35 | | |
| | | Do. Rugunni Jumma Ghaye | 100 | | |
| | | Do. Volambo Koriji bondo. | 70 | | |
| | | Do. Bodobangayi bondo .. | 50 | | |
| | | Do. Jovili bondo .. | 160 | | |
| | | Do. Kullo bondo .. | 50 | | |

Statement showing details for the lump sums noted in the statement, &c.—*cont.*

| Name of estate. | Sub-heads. | Details. | Amount proposed to be spent. | Grant. | Remarks. |
|---|---|---|---|---|---|
| | | | RS. | RS. | |
| Dhárákót—*cont.* | Irrigation, Repairs—*cont.* | Rushikulya bank .. .. .. | 100 | | |
| | | Ambughayi .. .. .. | 35 | | |
| | | Sagarabondo of Narudy .. .. | 90 | | |
| | | Clearing Mangalapur channel .. | 900 | | Rs. 500 more will be applied for. |
| | | Repairs to do. tank .. .. | 880 | 3,500 | |
| | Buildings, Original Works. | Improvements to Bora Bokoro .. | 1,500 | 1,500 | Rs. 1,500 will be surrendered. |
| | Buildings, Repairs. | Emergent repairs to Kanakadurga Mutt. | 104 | | |
| | | Thatching houses .. .. .. | 370 | | Rs. 1,300 more will be applied for. |
| | | Repairs to minors' quarters .. .. | 1,526 | 2,000 | |
| | Communication, Repairs. | Repairing main and branch roads .. | 500 | 500 | This sum will be applied for. |
| Bodogoda .. | Irrigation, Original Works. | Sluice to Balarampuram .. .. | 300 | | |
| | | Do. Bhatsingy .. .. | 300 | | |
| | | Do. Boramundaly .. .. | 400 | 1,000 | |
| | Irrigation, Repairs. | Closing breaches of Aukulo bondo of Booramundaly. | 200 | | |
| | | Do. of Bodabondo of Bolarampuram. | 310 | | |
| | | Do. of Harisagarum .. | 855 | | |
| | | Do. of Ghasorobondo of Bhatsingy. | 135 | 1,500 | |
| | Buildings, Original Works. | Terraced roof to incomplete building of senior Mahadavi. | 1,000 | | Of this Rs. 1,500 can be spent in the current year. |
| | | Simhadwarum and compound wall .. | 1,500 | 2,500 | |
| | Buildings, Repairs. | Repairs to minor zemindar's house .. | 990 | | |
| | | Do. to Palakasamy temple .. | 70 | | |
| | | Senior Mahadavi's quarters .. | 360 | | |
| | | Unfinished building outside the palace. | 580 | 2,000 | |
| Kurla .. | Irrigation, Original Works. | Coolies for surveying .. .. | 20 | | |
| | | Extending Rushikulya embankment .. | 1,290 | | |
| | | Sluices in do. do. .. | 550 | | Rs. 1,800 more will be applied for. |
| | | Unforeseen works .. .. .. | 140 | 2,000 | |
| | Irrigation, Repairs. | Repairing Damodarapally supply channel. | 190 | | |
| | | Closing breach in the right bank of Narasingapalli. | 290 | | |
| | | Clearing Kalasundarapuram channel .. | 200 | | |
| | | Raising and strengthening Mahanady bank above junction. | 320 | 1,000 | |
| | Buildings, Original Works. | Out-houses to travellers' bungalow .. | 700 | 700 | |
| | Buildings, Repairs. | Repairs to do. do. .. | 65 | | Rs. 1,025 will be surrendered. |
| | | Repairs to native visitors' quarters .. | 410 | 475 | |
| Chakipally. | Irrigation, Repairs. | Repairing Geddachervoo of Chakipally. | 125 | 125 | |
| Kallikót and Atagáda. | Irrigation, Original Works. | Constructing sluice and surplus weir to Narayanasagaram tank. | 690 | | |
| | | Escape to Bamminiabondo of Sarasingy. | 185 | | |
| | | Weir to Koppaghayi .. .. | 1,125 | | |
| | | Constructing surplus weir and sluice to Chompayi Ghaye of Mundala. | 500 | | |
| | | Constructing surplus weir and sluice to Banginia Ghaye of Kamandalam. | 1,000 | | |
| | | Constructing sluice to Adia Ghaye of Bania. | 100 | | |
| | | Constructing surplus weir and sluice to Ballaha Hozzo of Boda Mathapuram. | 400 | 4,000 | |
| | Irrigation, Repairs. | Closing breaches Bhagoova river from Aska to Thenthulia. | 1,450 | | |
| | | Closing breaches from Balliasara to Donnai river. | 1,430 | | |
| | | Closing breaches from Aska road to Balliasara. | 1,000 | | |
| | | Special repairs to Boda bondho of Rampudi. | 510 | | |
| | | Repairing Narayanasagaram tank Shalya. | 270 | | |

Statement showing details for the lump sums noted in the statement, &c.—*cont.*

| Name of estate. | Sub-heads. | Details. | Amount proposed to be spent. | Grant. | Remarks. |
|---|---|---|---|---|---|
| | | | RS. | RS. | |
| Kallikót and Atágadá—*cont.* | Irrigation, Repairs—*cont.* | Special repairs to Pedda tank, Rampudi. | 680 | | |
| | | Special repairs to Kusso Ghayee of Balliapally. | 100 | | |
| | | Closing breaches in Balliasara supply channel. | 80 | | |
| | | Closing breaches Budda Ghayee of Jarada. | 60 | | |
| | | Closing breaches Pathuva Ghayee of Jarada. | 130 | | |
| | | Closing breaches Hethra Ghayee .. | 140 | | |
| | | Closing breaches Nimmundia supply channel. | 45 | | |
| | | Closing breaches Donnaisoro channel .. | 115 | | |
| | | Clossing breaches right bank of Donnai river. | 80 | | |
| | | Closing breaches left bank of Donnai river in Chinnapankalabadi. | 124 | | |
| | | Repairing bank of Chodia Ghayee .. | 180 | | |
| | | Closing breaches Brammaniabondho of Sorasingy. | 90 | | |
| | | Closing breaches Jotikabody bondho .. | 170 | | |
| | | Do. do. Sarasagaram bondho. | 213 | | |
| | | Repairs to Barapothera Nulla .. | 92 | | |
| | | Closing breaches Donnai Mara tank .. | 170 | | |
| | | Do. left bank of Donnai river at Nantheyaguda. | 60 | | |
| | | Repairs to Thanguda tank at Hindula. | 154 | | |
| | | Do. to right flood bank of Donnai river of Sunnarighola. | 540 | | |
| | | Do. to Ballia Ghayee of Balliasara. | 140 | | |
| | | Do. to left bank of Kusso Nalla of Balliasara. | 30 | | |
| | | Do. to Bamsia Hozzo of Sannapally. | 136 | | |
| | | Do. to left flood bank of Bhagoova river of Jogree muttah. | 1,010 | | |
| | | Raising and strengthening left bank of Bhagoova river at Balliasara. | 270 | | |
| | | Repairing anicut across Donnai river at Nimmundia. | 90 | | |
| | | Clearing Mohini banks channel at Ballichayee. | 550 | | |
| | | Closing breaches Gungasagaram tank of Goodially. | 180 | | |
| | | Do. Agolo bondho of Gangapore .. | 23 | | |
| | | Do. Kora Ghayee .. .. | 16 | | |
| | | Do. Agolo Hozzo .. .. | 52 | | |
| | | Do. right flood bank of Donnai river at Baruda village. | 320 | | |
| | | Do. Arka tank of Rajepore .. | 300 | | |
| | | Do. Champayee of Mundale .. | 1,630 | | |
| | | Do. Banginia tank of Koomandalam. | 390 | | |
| | | Do. Koradabadi Ghayee .. .. | 70 | | |
| | | Do. Rajah Ghayee of Bania .. | 380 | | |
| | | Do. Ratta Hozzo .. .. | 500 | | |
| | | Do. Adia Ghayee of Bania .. | 100 | | |
| | | Raising bank of Bodabondho of Burassa. | 400 | | |
| | | Do. of Sutha bondho of Manikapooram. | 500 | | |
| | | Do. of Palthava Ghayee of Maheswarapuram. | 230 | | |
| | | Do. of Banginia Ghayee .. | 400 | | |
| | | Do. Thumavani Ghayee Lutchapada. | 200 | | |
| | | Do. Sahitia tank .. .. | 200 | 16,000 | Rs. 5,000 will be applied for. |
| Atagadá and Kallikót. | Buildings, Original Works. | Reconstruction second gateway of Kallikót palace. | 3,500 | | |
| | | Demolishing and reconstructing Gopuram in Nirmalaghera. | 500 | | |
| | | Construction of stables in Kallikót .. | 800 | | |
| | | Do. of Overseers' quarters at Kallikót. | 700 | | |
| | | Do. of compound wall .. | 1,000 | 6,500 | |
| | Buildings, Repairs. | Repairing Zemindar's Kuchery Bayeram. | 1,860 | | |
| | | Do. thatched buildings .. | 140 | | |
| | | Do. upstair room in front of Kallikót palace. | 500 | | |
| | | Special repairs to upstair building in Nirmalaghora. | 400 | | |

Statement showing details for the lump sums noted in the statement, &c.—*cont.*

| Name of estate. | Sub-heads. | Details. | Amount proposed to be spent. | Grant. | Remarks. |
|---|---|---|---|---|---|
| | | | RS. | RS. | |
| Atágadá and Kallikót—*cont.* | Buildings, Repairs—*cont.* | Demolishing thatched buildings in Nirmala and Kallikót palace compound. | 200 | | |
| | | Repairing store shed in Nirmalaghora .. | 100 | | |
| | | Do. Bathing and Marriage Mantapum in Nirmalaghora. | 200 | | |
| | | Repairs to the first courtyard of Kallikót palace, Kallikót. | 600 | 4,000 | |
| | Communication, Original Works. | Constructing branch road from main road to Jogra Mantapum. | 250 | 250 | |
| | Communication, Repairs. | Special repairs to Palace road. | 250 | 250 | |
| Jarada Estate. | Irrigation, Original Works. | Irrigation sluice to Narayanapuram Sagaram, Jarada. | 200 | | |
| | | Irrigation sluice to Ahpayapooram .. | 150 | 350 | |
| | Irrigation, Repairs. | Closing breaches Hitha tank .. .. | 30 | | |
| | | Do. Jennah tank .. | 140 | | |
| | | Do. Jillunda tank .. | 65 | | |
| | | Repairs to calingula to Jenma bondho. | 100 | | |
| | | Closing breaches Kutcha tank .. | 85 | | |
| | | Do. Thala bondho .. | 50 | | |
| | | Do. Arka bondho of Rontimarry. | 90 | | |
| | | Repairs to Narayanapuram Sagaram .. | 494 | | |
| | | Do. to Noova bondho .. .. | 66 | | |
| | | Do. Bhavonapur Ghayee .. .. | 180 | | |
| | | Do. Koeta Ghayee .. .. | 170 | | |
| | | Do. Pokedy Ghayee .. .. | 230 | 1,700 | Rs. 1,500 will be applied for. |
| | Buildings, Original Works. | Travellers' bungalow at Mango tope .. | 760 | | |
| | | Managers' cutcherry .. .. | 40 | | Balance of estimate for Rs. 240 to be paid this year. |
| | | | | 800 | Rs. 400 will be applied for. |
| | Buildings, Repairs. | Improvements to the granary, Jarada .. | 500 | | Balance of estimate for Rs. 1,680 to be paid this year. |
| | | | | 500 | Rs. 500 will be applied for. |
| | Communication, Original Works. | Improvements to main road from palace to inspection shed in mango tope at Jarada. | 300 | | |
| | | Improving the cross road from main road as far as Oora drinking-water tank. | 100 | 400 | Will be applied for. |
| Aska .. | Irrigation, Original Works. | Sluice at head of Soonamba channel .. | 480 | | Rs. 400 under Communication, Repairs will be surrendered. |
| | | Coolies for surveying .. .. | 20 | 500 | |
| | Irrigation, Repairs. | Clearing silt Soonamba channel .. | 390 | | |
| | | Closing breaches right bank of Mahanadi. | 290 | | |
| | | Closing breaches right bank of Mahanadi. | 1,400 | | |
| | | Repairing Damodarapilly supply channel. | 200 | | |
| | | Closing breaches right flood bank of Bhaguva river. | 1,500 | 3,780 | Rs. 2,780 will be applied for. |
| | Buildings, Repairs. | Repairs to Aska Malukdar's quarter .. | 250 | | |
| | | Do. square well .. .. | 250 | | |
| | | General repairs to Aska Malukdars .. | .. | 500 | Rs. 1,500 will be surrendered. |
| Chinna Kimedi. | Irrigation, Repairs. | Closing breaches of Bangara channel of Rowtara Nadi of Manawaraghayee and Bukshighayee. | 40 | | |
| | | Raising and strengthening Sonkikotta ghayee of Kumsaman and Dharmapur village. | 20 | 60 | |

ASKA,
22nd September 1890.

(Signed) A. M. HAYES,
Executive Engineer, Ganjam Division.

(Signed) G. D. WYBROW,
Superintending Engineer, I Circle.

COMPARATIVE Statement of the present and proposed grants on Estate works for the year 1890-91.

| Name of estate. | | Present grant as per G.O., No. 2255 W., dated 20th August 1890. | Amounts for which details are furnished. |
|---|---|---|---|
| | | RS. | RS. |
| Dhárákót ... | Irrigation— | | |
| | Original Works ... ... ... | 1,000 | 1,000 |
| | Repairs ... ... ... ... | 3,000 | 3,500 |
| | Buildings— | | |
| | Original Works ... ... ... | 3,000 | 1,500 |
| | Repairs ... ... ... ... | 700 | 2,000 |
| | Communications— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | ... | 500 |
| | Total ... | 7,700 | 8,500 |
| Bodogoda ... | Irrigation— | | |
| | Original Works ... ... ... | 1,000 | 1,000 |
| | Repairs ... ... ... ... | 1,500 | 1,500 |
| | Buildings— | | |
| | Original Works ... ... ... | 1,500 | 2,500 |
| | Repairs ... ... ... ... | 2,000 | 2,000 |
| | Total ... | 6,000 | 7,000 |
| Kurla ... ... | Irrigation— | | |
| | Original Works ... ... ... | 2,000 | 2,000 |
| | Repairs ... ... ... ... | 1,000 | 1,000 |
| | Buildings— | | |
| | Original Works ... ... ... | 700 | 700 |
| | Repairs ... ... ... ... | 1,500 | 475 |
| | Total ... | 5,200 | 4,175 |
| Chakipally ... | Irrigation— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | 125 | 125 |
| | Buildings— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | ... | ... |
| | Total ... | 125 | 125 |
| Kallikót and Atagadá Estates... | Irrigation— | | |
| | Original Works ... ... ... | 4,000 | 4,000 |
| | Repairs ... ... ... ... | 11,000 | 16,000 |
| | Buildings— | | |
| | Original Works ... ... ... | 6,500 | 6,500 |
| | Repairs ... ... ... ... | 4,000 | 4,000 |
| | Communications— | | |
| | Original Works ... ... ... | 250 | 250 |
| | Repairs ... ... ... ... | 250 | 250 |
| | Total ... | 26,000 | 31,000 |
| Jarada Estate ... | Irrigation— | | |
| | Original Works ... ... ... | 350 | 350 |
| | Repairs ... ... ... ... | 200 | 1,700 |
| | Buildings— | | |
| | Original Works ... ... ... | 400 | 800 |
| | Repairs ... ... ... ... | ... | 500 |
| | Communications— | | |
| | Original Works ... ... ... | ... | 400 |
| | Repairs ... ... ... ... | 400 | ... |
| | Total ... | 1,350 | 3,750 |

Comparative Statement of the present and proposed grants on Estate works for the year 1890-91—*cont.*

| Name of estate. | | Present grant as per G.O., No. 2255 W., dated 20th August 1890. | Amounts for which details are furnished. |
|---|---|---|---|
| | | RS. | RS. |
| Aska ... ... | Irrigation— | | |
| | Original Works ... ... ... | 500 | 500 |
| | Repairs ... ... ... ... | 1,000 | 3,780 |
| | Buildings— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | 2,000 | 500 |
| | Total ... | 3,500 | 4,780 |
| Chinna Kimedi ... | Irrigation— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | 60 | 60 |
| | Buildings— | | |
| | Original Works ... ... ... | ... | ... |
| | Repairs ... ... ... ... | ... | ... |
| | Total ... | 60 | 60 |
| | Grand Total ... | 49,935 | 59,390 |
| | Establishment ... | 11,485 | 13,659 |
| | | 61,420 | 73,049 |

ASKA,
20th September 1890.

(Signed) A. M. HAYES,
Executive Engineer, Ganjam Division.

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ORDER—dated 7th November 1890, No. 2946 W., Public Works.

Communicated to the Revenue Department with reference to para. 6 of G.O., No. 2255 W., dated 20th August 1890.

2. Arrangements should be made to utilise fully the grants provided for the estates. If additional funds are required early application should be made by the Superintending Engineer.

3. The details of expenditure incurred in the Parlákimeki estate up to the date of its transfer to the proprietor should be submitted as early as possible.

4. Explanation should be furnished of the decrease referred to in para. 3 of the Superintending Engineer's letter read above.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated Nouember, 7th.*

*Recd.* *Encl.*

**G.O., 7th Nov. 1890, No. 2946 W.**

**NOVEMBER.**

## Estate Works in Ganjam Division

Passing orders on letter from the Superintending Engineer, I Circle, submitting a statement of details for lump sum grants given for — and submitting explanation of the large surrenders on these estates.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**General.**
**Account.**

READ—the following paper :—

From the Superintending Engineer, IV Circle, dated 18th October 1890, No. 333 E.W.

ORDER—dated 7th November 1890, No. 2950 W., Public Works.

The following sums surrendered by the Superintending Engineer, IV Circle, are resumed and credited to the Provincial reserve with the Government :—

| | RS. |
|---|---|
| (1) Deputy Tahsildar's office, Avarakurchi ... ... ... ... | 3,540 |
| (2) Constructing 50 close prison cells in the Central Jail at Salem ... | 3,267 |
| (3) Sub-Registrar's office, Thathiangarpett ... ... ... ... | 770 |
| (4) Additions to the taluk office at Attur for a Sub-Registrar's office. | 2,365 |
| (5) Constructing a second-class police station at Shevapett ... | 1,300 |
| (6) Civil buildings, Minor Works, West Coast Division ... ... | 2,000 |
| (7) Tools and Plant, West Coast Division ... ... ... ... | 500 |
| Total ... | 13,742 |

2. The following appropriations are made from the Provincial reserve with the Government :—

| | RS. |
|---|---|
| (1) Improving the Account's branch of the Collector's office, Coimbatore ... ... ... ... ... ... ... | 402 |
| (2) Taluk office at Perinthalamana ... ... ... ... | 5,000 |
| (3) Improvements to the District Munsif's Court, Kásaragod ... | 950 |
| (4) Constructing 50 close prison cells in the Central Jail, Cannanore. | 5,000 |
| (5) Constructing stables and coach-house in the compound of the Superintending Engineer's office ... ... ... ... | 1,580 |
| (6) Communications, Minor Works, West Coast Division ... ... | 600 |
| (7) Communication, Repairs, West Coast Division ... ... ... | 26,000 |
| Total ... | 39,532 |

3. Of the sum of Rs. 10,000 surrendered from the grant for the new barracks at Calicut, Rs. 2,481 will be allotted as shown below, and the Government of India will be requested to sanction the transfer of the balance Rs. 7,519 to Military repairs under which head there are several demands :—

| | RS. |
|---|---|
| (1) Constructing barracks for a detachment of British Infantry at Malapuram ... ... ... ... ... ... | 660 |
| (2) Constructing sheds for transport animals at Calicut ... ... | 1,240 |
| (3) Constructing a bakery at West Hill, Calicut ... ... ... | 303 |
| (4) Constructing a slaughter-house and subsidiary buildings at West Hill, Calicut ... ... ... ... ... ... ... | 278 |
| Total ... | 2,481 |

4. A sum of Rs. 5,100, being the available balance of the reserve with the Government under Imperial Military Repairs, is allotted to the West Coast Division.

5. The Government regrets that funds are not available to provide the allotment required for the Coimbatore division under Imperial Civil Buildings, Postal Repairs.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.
" Military Department.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Lated November, 7th.*

*Recd.* *Encl.*

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**G.O., 7th Nov. 1890, No. 2950 W.**

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**NOVEMBER.**

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**Funds.**

Certain surrenders made by the Superintending Engineer, IV Circle, resumed and creditcd to the Provincial reserve, and certain appropriations made therefrom.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 20th October 1890, No. 2265.

With reference to G.O. No. 346 W., dated 3rd February 1890, I have the honor to submit, for the approval and sanction of Government, plans and estimates amounting to Rs. 7,125 for constructing latrines for students at the Medical College, Madras. These plans have been prepared in communication with the medical authorities and have been countersigned by the Director of Public Instruction in token of his approval.

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ORDER—dated 8th November 1890, No. 2956 W., Public Works.

The estimates, aggregating Rs. 7,125, for providing latrine accommodation for students at the Medical College, Madras, is sanctioned.

2. This sanction has been registered as Provincial No. 69 W. of 1890-91 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with six enclosures.
" Educational Department.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 8th.*

*Recd.* *Encl.*

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**G.O., 8th Nov. 1890 No. 2956 W.**

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**NOVEMBER.**

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**Medical College, Madras**

Estimates for providing latrine accommodation for students at the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

Read—the following paper:—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 25th October 1890, No. 848 T.C.

The Collector of Trichinopoly in a letter, dated 8th September 1890, asked the Executive Engineer for the courtyard of the late Muhammadan school in the Nabob's palace at Trichinopoly to be handed over to the District Board Normal school, as it is much needed for the students' exercise in gymnastic. The portion occupied by the Normal school was transferred to the District Board under G.O., No. 1790 W. of 27th June 1890, but the courtyard does not appear to be connected with this portion; but it lies between that and District Registrar's office as may be seen from the accompanying sketch.

2. There is, however, no objection to the courtyard being handed over to the District Board on the same condition as the school-house has been transferred. The place will moreover be kept clean by use. I have therefore, in anticipation of sanction, ordered the Executive Engineer to make over the ground to the District Board.

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Order—dated 8th November 1890, No. 2957 W., Public Works.

The transfer of the courtyard to the District Board is sanctioned on the condition that it may be resumed by the Government if required.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with one enclosure.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 8th.*

*Recd.* *Encl.*

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**G.O., 8th Nov. 1890, No. 2957 W.**

---

**NOVEMBER.**

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## Nabob's Palace at Trichinopoly

Sanctioning, on certain conditions, the transfer of the courtyard of the late Muhammadan school in the — to the District Board.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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**General.**
**Account.**

READ—the following paper :—

From A. HULLAH, Esq., Superintendent of Telegraphs, Madras Division, to the Secretary to Government, Public Works Department, dated Madras, 25th October 1890, No. 3559.

I have the honor to report that, in compliance with the Chief Secretary's memos.—

(1) *No.* 140 *of* 9*th September* 1890, the telephone instrument in the Honorable Mr. Garstin's house was removed on the 3rd instant from Mackay's Gardens at the Adyar to Holloway's Gardens on the Pantheon Road. This change has resulted in a decrease of 2·73 miles of wire from the present wire mileage, and

(2) *No.* 160 *of* 23*rd September* 1890, "The Albany" at Nungumbaukum (the Honorable Mr. Grose's residence) was placed in telephonic communication with the Central Exchange in the Fort St. George on the same date.

The following statement shows the annual rent charge due by the Madras Government from the 3rd October 1890 :—

| Circuits. | Distance from Exchange, miles. | Number of telephones. | Number of indicators. | Date communication established. |
|---|---|---|---|---|
| Exchange to | .. | 1 | .. | .... |
| Commissary-General's office | 1·28 | 1 | 1 | 5th January 1883. |
| Master Attendant's office | 1·26 | 1 | 1 | 5th ,, ,, |
| Quarter Master General's office | ·12 | 1 | 1 | 5th ,, ,, |
| Transport Officer | ·12 | 1 | 1 | 5th ,, ,, |
| Government house | 1·35 | 1 | 1 | 5th ,, ,, |
| Revenue Board | 2·05 | 1 | 1 | 5th ,, ,, |
| Chief Engineer's office | 2·16 | 1 | 1 | 5th ,, ,, |
| Guindy | 8·19 | 1 | 1 | 5th ,, ,, |
| Accountant-General's | ·12 | 1 | 1 | 10th July 1883. |
| Ordnance Officer | ·18 | 1 | 1 | 22nd ,, 1885. |
| Gun Carriage Factory | 1·96 | 1 | 1 | 24th ,, ,, |
| Inspector-General of Police | 3·71 | 1 | 1 | 21st November 1885. |
| Commissioner of Police | 2·46 | 1 | 1 | 21st ,, ,, |
| Deputy Commissioner of Police | 1·42 | 1 | 1 | 8th January 1886. |
| Honorable Mr. Stokes | 3·27 | 1 | 1 | 10th October 1888. |
| Government Press | 2·75 | 1 | 1 | 15th December 1888. |
| Army Clothing | 2·75 | 1 | 1 | 1st October 1889. |
| Honorable Mr. Garstin | 3·26 | 1 | 1 | 3rd ,, ,, |
| Do. Mr. Grose | 4·15 | 1 | 1 | 3rd ,, ,, |
| Total .. | 42·56 | 20 | 19 | |

| | | RS. | A. | P. |
|---|---|---|---|---|
| | Wire circuit 42·56 miles = 85·12 half miles, or, say, 86 half miles, at 20 ... ... ... | 1,720 | 0 | 0 |
| | 20 telephones, at 60 ... ... ... | 1,200 | 0 | 0 |
| | 19 indicators, at 30 ... ... ... | 570 | 0 | 0 |
| Operators. | 19 subscribers, at 55 per annum, for 7 months<br>19 „ at 30 „ 5 „ | 847 | 1 | 4 |
| | | 4,337 | 1 | 4 |

The account previous to this stood at Rs. 4,142-8-0, so that the extra sum chargeable from the date above mentioned is Rs. 194-9-4. The acceptance of this revised charge and also a charge of 20 for shifting the telephone referred to above is requested. Please also inform me to which department the charge for Honorable Mr. Grose's telephone is debitable.

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ORDER—dated 8th November 1890, No. 2958 W., Public Works.

The revised statement of rent, amounting to Rs. 4,337-1-4, is accepted with effect from the 3rd October 1890, and the charge of Rs. 20 for shifting the Honorable Mr. Garstin's telephone is sanctioned.

2. The charge for the Honorable Mr. Grose's telephone will be debited to the head "18. General Administration, Executive Council," and will be adjusted in the Financial Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Telegraphs, Madras Division.
„ Examiner, Public Works Accounts.
„ Financial Department.

GENERAL
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 8th.*

*Recd.* *Encl.*

---

**G.O., 8th Nov. 1890, No. 2958 W.**

---

**NOVEMBER.**

---

**Telephone System at Madras**

The revised statement of rent for the — accepted, and the charge for shifting the Honorable Mr. Garstin's telephone, sanctioned.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Account,

READ—the following paper :—

From C. MITFORD SMITH, Esq., Executive Engineer, Godávari Eastern Division, to the Superintending Engineer, I Circl ,edated Dowlaishweram, 16th October 1890, No. 508 S.

I have the honor to forward herewith a statement showing the alterations proposed in the reserve limit of stock of both Godávari Eastern and Dowlaishweram Workshops, and to request that you will be good enough to obtain the sanction of Government for the redistribution made therein.

2. I propose to reduce the limit of Godávari Eastern division from Rs. 64,000 to Rs. 50,000, as the balance at debit of "Lands and kilns," which forms part of reserve limit of "Building materials," has been reduced from Rs. 33,000 to Rs. 19,000 since 1887-88.

ENCLOSURE.

STATEMENT showing the alterations proposed in the reserve limit of Stock of Godávari Eastern and Dowlaishweram Workshops.

| Sub-heads. | Existing. | | | Proposed. | | | Remarks. |
|---|---|---|---|---|---|---|---|
| | Reserve for Godávari Eastern Division, G.O. No. 455 I. of 21st September 1889. | Reserve for Workshops, G.O. No. 2145 W. of 9th August 1889. | Total. | Reserve for Godávari Eastern Division (Dumagudem and head-works sub-divisions). | Reserve for Workshops sub-division. | Total. | |
| | RS. | RS. | RS. | RS. | RS. | RS. | |
| 1. Small stones .. | 150 | 3,000 | 3,150 | 100 | 2,000 | 2,100 | Project works being completed, reserve is susceptible of reduction. |
| 2. Building materials. | 60,000 | .. | 60,000 | 46,500 | .. | 46,500 | The reduction is due to the balance at debit of "Land and kilns" having been considerably reduced during the last three years. |
| 3. Timber .. | 200 | 10,000 | 10,200 | .. | 13,000 | 13,000 | The increase is rendered necessary owing to the probable demand for wood-work for Provincial buildings newly sanctioned both in this and Godávari Western divisions. |
| 4. Metals .. .. | 300 | 23,500 | 23,800 | 200 | 23,500 | 23,700 | The reserve of stock of Dumagudem Sub-division and Workshops is proposed to be reduced to the lowest possible limit, hence the decrease. |
| 5. Fuel .. .. | 2,000 | 1,400 | 3,400 | 2,000 | 1,400 | 3,400 | Please see remark against item 1. |
| 6. Painter's stores .. | 50 | 2,500 | 2,550 | .. | 2,000 | 2,000 | |
| 7. House fittings .. | .. | 400 | 400 | .. | 400 | 400 | Please see remark against item 1 |
| 8. Miscellaneous .. | 1,300 | 2,600 | 3,900 | 1,200 | 2,600 | 3,800 | Do. do. |
| 9. Tools and plant .. | .. | 6,600 | 6,600 | .. | 5,100 | 5,100 | |
| Total .. | 64,000 | 50,000 | 1,14,000 | 50,000 | 50,000 | 1,00,000 | |

(Signed) C. MITFORD SMITH,
Exe. Engr., Eastern Division, odávari.

DOWLAISHWERAM,
16th October 1890.

No. 1419 G.D.

Submitted, together with the statement, to the Chief Engineer, Public Works Department, with the request that the alterations proposed in the reserve limits of stock may be sanctioned. The reasons for decreases in each item are stated in the remark column of the statement.

(Signed) G. D. WYBROW,
Superintending Engineer, I Circle.

20th October 1890.

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Endorsement by the Chief Engineer, for Irrigation Department, dated 29th October 1890, No. 224.

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ORDER—dated 8th November 1890, No. 2959 W., Public Works.

Sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 8th.*

*Recd.* *Encl.*

---

**G.O., 8th Nov. 1890, No. 2959 W.**

---

**NOVEMBER.**

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**Reserve limit of Stock in the Godavari Eastern Division and Dowlaishweram Workshops**

Certain alterations in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

Read—the following paper :—

Endorsement from the Government of India, Public Works Department (Civil Works—Telegraph), dated Simla, the 22nd October 1890, No. 305 T.

The following, with copy of the license referred to, is forwarded to the Secretary to the Government of Madras in the Public Works Department for information, with reference to the Proceedings of that Government, No. 2386 W., dated the 4th September 1890, the enclosure of which is returned herewith.

(By Order.)

(Signed) C. VINCENT,
Under-Secy. to the Govt. of India.

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Enclosure.

From the Government of India, Public Works Department, to the Director-General of Telegraphs, dated 22nd October 1890, No. 304 T.

I am directed to return, duly signed by the Secretary in the Public Works Department, one copy of the license received with your letter No. 60 T., dated the 16th October 1890, permitting the Honorable V. R. Krishna Yachendra, K.C.I.E., Rajah of Venkatagiri, to establish and work certain telephone lines in the town of Venkatagiri.

2. A copy of the license will be forwarded to the Government of Madras.

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Order—dated 8th November 1890, No. 2960 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Honorable the Rajah of Venkatagiri, K.C.I.E.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 8th.*

*Recd.* *Encl.*

---

**G.O., 8th Nov. 1890, No. 2960 W.**

---

**NOVEMBER.**

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## Telephone Lines in the Town of Venkatagiri

Endorsement from Government of India forwarding copy of its communication to the Director-General of Telegraphs and a license permitting the Honorable the Rajah of Venkatagiri, K.C.I.E., to establish and work certain —, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Superintending Engineer, V Circle, dated Chepâk, 15th October 1890, No. 3313.

[Statement.

## STATEMENT of Proposition for Revision of Establishment.

| Order sanctioning present establishment: Number. | Order sanctioning present establishment: Date. | Office to which the proposition refers. | Nature of Change: Present scale: Number. | Present scale: Designation. | Present scale: Pay: Minimum. | Present scale: Pay: Increment. | Present scale: Pay: Maximum. | Present scale: Pay: Average or fixed. | Proposed scale: Number. | Proposed scale: Designation. | Proposed scale: Pay: Minimum. | Proposed scale: Pay: Increment. | Proposed scale: Pay: Maximum. | Proposed scale: Pay: Average or fixed. | Proposition: Permanent: Increase per month: Amount. | Permanent: Decrease per month: Amount. | Temporary: Increase per month: Period. | Temporary: Increase per month: Amount. | Temporary: Decrease per month: Period. | Temporary: Decrease per month: Amount. | Remarks by Local Government. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | RS. | RS. | RS. | RS. | | | RS. | RS. | RS. | RS. | RS. | RS. | | RS. | | RS. | |
| | | Sub-divisions of North Arcot Division. Vellore. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. .. | 6 | .. | 6 | 6 | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 3 | Lascars .. .. | 6 | .. | 6 | 18 | .. | .. | .. | .. | .. | .. | |
| | | Ranipet. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. .. | 6 | .. | 6 | 6 | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 3 | Lascars .. .. | 6 | .. | 6 | 18 | .. | .. | .. | .. | .. | .. | |
| | | Arni. | .. | .... | .. | .. | .. | .. | 1 | Clerk, IV class 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | .. | .... | .. | .. | .. | .. | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | .. | .... | .. | .. | .. | .. | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 51½ | .. | .. | .. | .. | .. | |
| | | | | Total .. | .. | .. | .. | 103 | | Total .. | .. | .. | .. | 154½ | | | | | | | |
| | | Sub-divisions of Chingleput Division. Chingleput. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. .. | 6 | .. | 6 | 6 | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 3 | Lascars .. .. | 6 | .. | 6 | 18 | .. | .. | .. | .. | .. | .. | |
| | | Tiruvallúr. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Messenger .. .. | 6 | .. | 6 | 6 | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 3 | Lascars .. .. | 6 | .. | 6 | 18 | .. | .. | .. | .. | .. | .. | |
| | | The Mount. | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | 1 | Clerk, IV class, 3rd grade. | 20 | 2 | 30 | 27½ | .. | .. | .. | .. | .. | .. | |
| | | | | | | | | | 1 | Messenger .. .. | 6 | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | |
| | | | 1 | Lascar .. .. | 6 | .. | 6 | 6 | 3 | Lascars .. .. | 6 | .. | 6 | 18 | 18 | .. | .. | .. | .. | .. | |
| | | | | Total .. | .. | .. | .. | 136½ | | Total .. | .. | .. | .. | 154½ | 69½ | .. | | .. | | .. | |

Forwarded to the Chief Engineer, Public Works Department, for sanction with reference to para. 3 of G.O. No. 2276 W., dated 22nd August 1890.

(Signed) W. H. BURTON, Col., R.E.,
Superintending Engineer, V Circle.

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Office-note from the Examiner, Public Works Accounts, dated Madras, 29th October 1890, No. 6405.

Entries in column " present scale " of the proposal statement have been checked and found correct.

2. The figures entered in column " average or fixed " are the average and not the financial value of each appointment—*vide* Civil Service Regulations, Article 164. The necessary corrections have been made by this office.

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ORDER—dated 11th November 1890, No. 2968 W., Public Works.

The establishments required for the Arni and the Mount Sub-divisions are sanctioned.

2. The attention of the Superintending Engineer, V Circle, is drawn to the remarks of the Examiner of Public Works Accounts in his office-note above recorded.

3. This sanction has been registered as Provincial No. 61 W. of 1890-91, and classified as Establishment, Permanent.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of {1890} Madras.

PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

**G.O., 11th Nov. 1890, No. 2968 W.**

**NOVEMBER.**

**Arni and the Mount Sub-divisions**

The establishments required for the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**General.**
**Establishment.**

READ—the following paper :—

From the Superintending Engineer, II Circle, dated 3rd October 1890, No. 311 G.L.

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From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezváda, 28th October 1890, No. 346 G.L.

With reference to your memorandum No. 4066 C., of the 9th instant, I have the honor to forward, herewith, a statement of proposition for temporary establishment of watchers required for taking care of rest-houses in the circle for four months during the current official year, beginning with 1st November 1890.

2. In the statement, the establishment for whom small remuneration is proposed to be paid through the village officials—*vide* para. 1042 A. of the Public Works Code —S.O. No. 1234 of the 30th May 1890—is omitted as the same is to be charged to repairs.

3. I request also that the establishment as per enclosed statement may be sanctioned for the next year also, and included in the general statement for the circle already sent.

ENCLOSURE.

## II CIRCLE.

STATEMENT of proposition for temporary establishment for 1890-91.

| Order sanctioning present establishment. | | Office to which the proposition refers. | Nature of change. | | | | | | | | | | | | Proposition. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Present scale. | | | | | | Proposed scale. | | | | | | Permanent. | | Temporary. | | | |
| | | | | | Pay. | | | | | | Pay. | | | | Increase per month. | Decrease per month. | Increase per month. | | Decrease per month. | |
| Number. | Date. | | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Amount. | Amount. | Period. | Amount. | Period. | Amount. |
| | | | | | | | | | | | RS. | RS. | RS. | RS. | RS. | RS. | | RS. | | RS |
| | | Gudiváda division. | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Bantumilli .. .. | .. | .. | .. | 4 | .. | .. | .. | 4 | .. | .. |
| | | Kistna Western division | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Kollipara .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Penumudy .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Isodayapolem .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Pullapatla .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Aremanda .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Nizampatam .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Répalle .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Ferangidibba .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | Nellore division. | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Sangam .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Atmakúr .. .. | .. | .. | .. | 4 | .. | .. | .. | 4 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for hill bungalow at Ongóle .. .. | .. | .. | .. | 4 | .. | .. | .. | 4 | .. | .. |
| | | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Kandukúr .. .. | .. | .. | .. | 3 | .. | .. | .. | 3 | .. | .. |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for Sub-division officer's bungalow at Buchireddipalem .. | .. | .. | .. | 3 | .. | .. | .. | 3 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for Supervisor's quarters at Buchireddipalem .. .. | .. | .. | .. | 3 | .. | .. | .. | 3 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for storeshed at Allúr .. .. | .. | .. | .. | 4 | .. | .. | .. | 4 | .. | .. |
| | Buckingham Canal division. | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Mahabalipuram .. | .. | .. | .. | 7 | .. | .. | .. | 7 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Sadras .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Ennore .. .. | .. | .. | .. | 6 | .. | .. | .. | 6 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Coromandel .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Kistnapatam .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Iskapalle .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Kanuparti .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | 1 | Watcher for rest-house at Ramapatam .. .. | .. | .. | .. | 5 | .. | .. | .. | 5 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | | Total per month .. | .. | .. | .. | 113 | .. | .. | .. | 113 | .. | .. |
| | | .. | .... | .. | .. | .. | .. | | Total for four months from 1st November 1890. | .. | .. | .. | 452 | .. | .. | .. | 452 | .. | .. |

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

BEZVADA,
28th October 1890.

ORDER—dated 11th November 1890, No. 2970 W., Public Works.

Sanction is accorded to the employment from the 1st November 1890, to the end of February 1891, of the watchmen required in the II Circle.

2. Provision will be made for the men in the statement of temporary establishment submitted by the Superintending Engineer for 1891-92.

3. This sanction has been registered as Provincial No. 64 W. of 1890-91, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

---

**G.O., 11th Nov. 1890, No. 2970 W.**

---

**NOVEMBER.**

---

**Watchmen required for Rest-houses, II Circle**

The employment of — from 1st November 1890 to end of February 1891, sanctioned.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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**General.**
**Establishment.**

READ—the following paper :—

From the Superintending Engineer, V Circle, dated 30th October 1890, No. 3493.

STATEMENT of Proposition for Revision of Establishment.

| Order sanctioning present Establishment. | | Office to which the proposition refers. | Nature of change. | | | | | | | | | | | | Proposition. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Present scale. | | | | | | Proposed scale. | | | | | | Permanent. | | Temporary. | | | |
| | | | | | Pay. | | | | | | Pay. | | | | Increase per month. | Decrease per month. | Increase per month. | | Decrease per month. | |
| Number. | Date. | | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Amount. | Amount. | Period. | Amount. | Period. | Amount. |
| | | | | | RS. | RS. | RS. | RS. | | | RS. | RS. | RS. | RS. | RS. | RS. | MONTH. | RS. | | RS. |
| | | South Arcot Division: | 1 | Draftsman, 1st grade .. | 50 | 4 | 70 | 60 | 1 | Draftsman, 1st grade .. | 50 | 4 | 70 | 60 | .. | .. | .. | .. | .. | .. |
| | | | 1 | Do. 3rd " .. | 20 | 2 | 30 | 25 | 1 | Do. 3rd " .. | 20 | 2 | 30 | 25 | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | 1 | Do. .. .. .. | 20 | .. | 20 | 20 | .. | .. | 1 | 20 | .. | .. |
| | | | | | | | | | | Total for three months .. | .. | .. | .. | .. | .. | .. | .. | 60 | .. | .. |

Forwarded to the Chief Engineer, Public Works Department, for sanction. The temporary draftsman is required for making tracings of the survey of the Coleroon river taken by Captain Romilly. This survey, which consists of 10 sheets and mileage of river about 51, is required in connection with the conservancy of the river. The Executive Engineer states that this tracing cannot be undertaken by the draftsmen in his office, who are fully engaged with current work.

(Signed) W. H. BURTON, Col., R.E.,
Superintending Engineer, V Circle.

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ORDER—dated 11th November 1890, No. 2971 W., Public Works.

The employment in the South Arcot division of a temporary draftsman on Rs. 20 for three months is sanctioned.

2. This sanction has been registered as Provincial No. 62 W. of 1890-91, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

---

**G.O., 11th Nov. 1890, No. 2971 W.**

---

**NOVEMBER.**

---

**Temporary Draftsman in South Arcot Division**

The employment of a — for three months, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 20th October 1890, No. 861 G.N.

In continuation of my letter No. 822, dated the 15th October 1890, I have the honor to submit herewith second application showing the modifications proposed by the Executive Engineer, Ganjam Division, in the existing grants for the estate works, and beg to request that you will be so good as to obtain the sanction of the Court of Wards for the same. You will observe from the application that the Executive Engineer requires an additional grant of Rs. 3,355, and it is hoped that the Court of Wards will be able to allot it.

2. The reasons for modifications are given in the remark column of the application. I have already requested the Executive Engineer to restrict his expenditure in the Jarada Estate to Rs. 500 till extra funds are allotted for the works of this estate.

ENCLOSURE.

## GANJAM DIVISION.

SECOND application for additional or modification of allotments on Estate Works.

| Fund, Budget Head, Departmental Head. | Authority. | Works. | Amount of estimate. | Outlay to end of previous year. | Original grant for current year. | Existing grant for current year. | Proposed. Increase. | Proposed. Reduction. | Amount at which grant for work will stand after increase or reduction. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | |
| Dhárákót estate .. .. | .. | Buildings, original works .. | .. | .. | 3,000 | 3,000 | .. | 1,500 | 1,500 | The expenditure this year will not be more than Rs. 1,500. The Sub-divisional Officer should not have applied for so much in last statement. |
| | | Communications, repairs .. | .. | .. | .. | .. | 500 | .. | 500 | Balance of last year's estimate (amounting to Rs. 960). |
| Kurla .. .. .. | .. | Buildings, repairs .. .. | .. | .. | 2,000 | 1,500 | .. | 1,025 | 475 | Balance of grant not required, as estate funds do not permit. |
| Kallikót and Atagadá .. | .. | Irrigation, do. .. .. | .. | .. | 10,000 | 11,000 | 3,000 | .. | 14,000 | Estimates to the amount of the proposed grants sanctioned or sent for sanction. |
| | | Communications, repairs .. | .. | .. | 3,000 | 250 | 300 | .. | 550 | Required for an estimate sanctioned last year, but not commenced. |
| | | Buildings, original works .. | .. | .. | .. | 6,500 | 1,860 | .. | 8,360 | Increase proposed owing to an estimate for Rs. 1,860 sanctioned as original works, but classed erroneously under repairs. |
| | | Do. repairs .. .. | .. | .. | .. | 4,000 | .. | 1,860 | 2,140 | Decrease proposed for above reason. |
| Aska .. .. .. | .. | Irrigation, do. .. .. | .. | .. | 300 | 1,000 | 2,780 | .. | 3,780 | Will be required during the current year. Estimates to the full amount sanctioned or under check in divisional office. |
| | | Buildings, do. .. .. | .. | .. | 300 | 2,000 | .. | 1,500 | 500 | Reduction proposed, as it is not intended to carry out the repairs to Aska Malukdar's quarters this year; an estimate will be prepared for execution next year. |
| Jarada .. .. .. | .. | Irrigation, do. .. .. | .. | .. | 3,000 | 200 | 800 | .. | 1,000 | Work was once stopped in this estate, but subsequently emergent works were ordered to be put in hand; hence the increase proposed. |
| | | Communications, original works. | .. | .. | .. | .. | 400 | .. | 400 | The increase is required to complete last year's estimates. |
| | | Do. repairs .. | .. | .. | 500 | 400 | .. | 400 | .. | Decrease proposed, as works provided for above were originally erroneously classed under repairs. |
| | | | | | | 29,850 | 9,640 | 6,285 | 33,205 | |

10th October 1890.

(Signed) G. D. WYBROW,
Superintending Engineer, I Circle.

(Signed) A. M. HAYES,
Executive Engineer, Ganjam Division.

ORDER—dated 11th November 1890, No. 2972 W., Public Works.

With his letter above recorded, the Superintending Engineer, I Circle, submits an application for modification of grants for estate works in the Ganjam Division.

2. In the case of the marginally-noted estates, the Superintending Engineer applies for additional allotments, and the Court of Wards will accordingly be requested to place the necessary amounts at the disposal of the Public Works Department.

| | RS. |
|---|---|
| Kallikót and Atagadá ... ... | 3,300 |
| Aska ... ... ... ... ... | 1,280 |
| Jarada ... ... ... ... ... | 800 |
| | 5,380 |
| Establishment charges at 23 per cent. | 1,237 |
| Total ... | 6,617 |

3. The following sums surrendered by the Superintending Engineer are accepted and replaced at the disposal of the Court of Wards :—

| | RS. |
|---|---|
| Dhárákót ... ... ... ... ... ... ... ... | 1,000 |
| Kurla ... ... ... ... ... ... ... ... ... | 1,025 |
| | 2,025 |
| Establishment at 23 per cent. ... ... ... ... ... ... | 466 |
| Total ... | 2,491 |

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

---

**G O., 11th Nov. 1890, No. 2972 W.**

---

**NOVEMBER.**

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## Grants for Estate Works in the Ganjam Division

Passing orders on an application from the Superintending Engineer, I Circle, for modification of —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From the Venerable J. F. BROWNE, B.D., Archdeacon of Madras, to the Chief Secretary to Government, dated Madras, 10th October 1890, No. 443.

I have the honor to submit, for the favorable consideration of Government, a revised estimate, amounting to Rs. 4,240, for extending the cemetery of St. George's Cathedral, Madras, together with a comparative statement and report. The original estimate of Rs. 3,674 was sanctioned by G.O., No. 1045 W., dated 16th April 1889.

2. The cause of the excess, viz., Rs. 566, is explained in the Engineer's report and is due to omissions in the original estimate and certain extra works that were actually necessary. I trust the Government will be pleased to sanction the difference required.

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Approved and transferred to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

23rd October 1890.

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ORDER—dated 11th November 1890, No. 2973 W., Public Works.

The revised estimate, amounting to Rs. 4,240, for extending the cemetery attached to St. George's Cathedral, Madras, is sanctioned in supersession of the estimate of Rs. 3,674 sanctioned in G.O., No. 1045 W., dated 16th April 1889.

2. This sanction has been registered as Provincial No. 70 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with three enclosures.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

**G.O., 11th Nov. 1890, No. 2973 W.**

**NOVEMBER.**

**St. George's Cathedral, Madras**

Revised estimate for extending the cemetery attached to —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

---

General.
**Establishment.**

READ—the following paper :—

From J. E. PAUL, Esq., Executive Engineer, Kistna Western Division, to the Superintending Engineer, II Circle, dated 30th September 1890, No. 334 S.

I have the honor to forward to you an application for an additional temporary clerk on Rs. 15 to assist the accountant.

2. In G.O. No. 1778 W., dated 27th June 1890, it was stated that the necessity for this extra hand had not been proved.

3. I should also mention that the punt writer, as he is termed, does not assist the accountant as stated in your letter printed with the above Government Order.

4. I consider that the necessity, or, at any rate, the advisability of employing this extra clerk has been proved by the abolition of the post.

5. For, since the services of this clerk were dispensed with, the work register has not been maintained with that punctuality which is most essential in the case of this important document; the accountant has to do the less important work, which could be as well and far more economically done by a junior clerk on small pay, and consequently gives me much trouble by slurring over his more important duties, and I am not able, as I had intended, to relieve the sub-divisional officers of check and payment of bills over a certain sum.

6. I forward to you copy of a letter from the Examiner on this subject, and I should be much obliged if you would submit the proposal to Government.

## II CIRCLE.

STATEMENT of Proposition for Revision of Temporary Establishment in Kistna Western Division for 1890-91.

| Order sanctioning present establishment. | | Office to which the proposition refers. | Nature of change. | | | | | | | | | | | | Proposition. | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Present scale. | | | | | | Proposed scale. | | | | | | Permanent. | | Temporary. | | | | |
| | | | | | Pay. | | | | | | Pay. | | | | Increase per month. | Decrease per month. | Increase per month. | | Decrease per month. | | |
| No. | Date. | | Number | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Number. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Amount. | Amount. | Period. | Amount. | Period. | Amount. | |
| | | | | | RS. | RS. | RS. | RS. | | | RS. | RS. | RS. | RS. | RS. | RS. | MTHS. | RS. | | RS. | |
| 1778 W. | 27th June 1890. | Kistna Western Division. | 1 | Stock writer .. .. | .. | .. | .. | 15 | 1 | Stock writer .. .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | |
| Do. | Do. do. | | 1 | Punt writer .. .. | .. | .. | .. | 15 | 1 | Punt writer .. .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | |
| Do. | Do. do. | | 1 | Sweeper .. .. | .. | .. | .. | 1 | 1 | Sweeper .. .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | |
| 2617 W. | 6th Oct. 1890. | | 1 | Clerk for sorting records for three months. | .. | .. | .. | 15 | 1 | Clerk for sorting records for three months. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | |
| | | | | | | | | | 1 | Clerk for assisting the accountant for 4 months. | .. | .. | .. | 15 | .. | .. | 4 | 15 | .. | .. | From 1st November 1890 to end of Feb. 1891. |
| | | | | Total per month .. | .. | .. | .. | 46 | | Total per month .. | .. | .. | .. | 61 | .. | .. | .. | 15 | .. | .. | |
| | | | | Total for four months .. | .. | .. | .. | ... | | Total for four months .. | .. | .. | .. | .. | .. | .. | .. | 60 | .. | .. | |

10th October 1890.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

No. 1827 K.S.

Submitted with its enclosures to the Chief Engineer, Public Works Department, with a request that the post may be sanctioned for the current and included in the statement of temporary establishment for the next official year forwarded with this office No. 323 G.L., dated 10th October 1890, as the continued employment of the clerk is necessary.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

22nd October 1890.

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ORDER—dated 11th November 1890, No. 2974 W., Public Works.

Sanction is accorded to the employment in the Kistna Western division of a temporary clerk on Rs. 15 per mensem from the 1st November 1890 to end of February 1891.

2. Provision will be made for the employment of the clerk during 1891-92 in the statement of temporary establishment submitted by the Superintending Engineer for that year.

3. This sanction has been registered as Provincial No. 63 W. of 1890-91, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

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**G.O., 11th Nov. 1890, No. 2974 W,**

---

**NOVEMBER.**

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### Temporary Clerk in Kistna Western Division

The employment of a — from 1st November 1890 to end of February 1891, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

READ—the following paper :—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 15th October 1890, No. 807 T.C.

With reference to G.O. No. 2239 W. of the 18th August 1890, granting funds for the removal of the Chucklers' parcharry near the Pioneer lines at Trichinopoly, I have the honor to submit, for the approval of Government and publication, the accompanying draft notifications for the acquisition of the present and proposed sites of the said parcharry.

2. The Collector, in a letter dated 8th October 1890, No. 100/12, sent to the Executive Engineer the above notifications with a request that, as this department is carrying out the work, the latter should submit them to Government for approval and publication in the *Fort St. George Gazette.*

3. The necessary steps for acquiring lands required for public works are generally taken by the Revenue Department on the requisition of this department, and draft notifications are submitted by that department, but in the present case the course adopted is different. I have, however, with a view to save delay, complied with the request of the Collector.

4. Copies of the notifications have been sent by me to the Station Staff Officer for his information.

ORDER—dated 11th November 1890, No. 2990 W., Public Works.

Ordered that the notifications, as amended, be published in the *Fort St. George Gazette.*

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
" Revenue Department.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 11th.*

*Recd.* *Encl.*

---

**G.O., 11th Nov. 1890, No. 2990 W.**

---

**NOVEMBER.**

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## Acquisition of Lands

Ordered that the notifications for the — required for the removal of the Chucklers' parcharry near the Pioneer lines at Trichinopoly, be published in the *Fort St. George Gazette.*

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

Read—the following paper :—

From the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 30th October 1890, No. 2785 M.W.

In reply to your letter, No. 2391 W., dated 5th September 1890, to the address of the Public Works Department, I am directed to state, for the information of His Excellency the Governor in Council, that the Government of India sanction the proposal to let a room in the married quarters of the vacant European Infantry barracks at Cannanore to the widow of the late Overseer Edwards at a monthly rent of Rs. 2-8-0, also to let the abandoned military buildings at Cannanore to private parties at such rents as may be obtainable, on the understanding that the quarters must be made available if again required for military purposes.

Order—dated 13th November 1890, No. 2997 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for information and guidance, with reference to G.O., No. 2390 W., dated 5th September 1890.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

**G.O., 13th Nov. 1890, No. 2997 W.**

NOVEMBER.

## Military Buildings at Cannanore

The proposal to let a room in the married quarters of the vacant European Infantry barracks at Cannanore to the widow of the late Overseer Edwards at a monthly rental of Rs. 2-8-0, also to let the — to private individuals at less than the prescribed rates of rent on certain conditions, sanctioned by the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

READ—the following papers :—

G.O., dated 28th August 1890, No. 5444, Military.

From Major-General E. H. H. COLLEN, C.I.E., Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras. Military Department, dated Simla, the 15th July 1890, No. 1715-M.W. (Cantonments—Water-supply).

I am directed to acknowledge the receipt of your endorsement No. 4144, dated 23rd June 1890, submitting correspondence regarding the extension to the Native Infantry lines at Trichinopoly of the water-supply scheme proposed to be undertaken by the local municipality.

2. In reply, I am to state, for the information of His Excellency the Governor in Council, that the payment to the municipality of Rs. 3,000 per annum, sanctioned in Military Department No. 671-M.W., dated 28th March 1889, on account of the water to be supplied to the sepoy lines must be regarded as conditional on the submission of a clear report and plans showing the exact nature of the arrangements proposed for the supply of those lines, and on the understanding that these arrangements meet with the approval of the professional advisers of the Madras Government in the Public Works Department.

| | Initial cost. RS. | Working charges. RS. |
|---|---|---|
| Municipality ... ... | 2,90,750 | 20,050 |
| Military Department ... | 20,350 | 1,400 |
| Railway Company ... | 48,460 | 3,350 |
| Total ... | 3,59,560 | 24,800 |

3. I am also to observe that, from the papers now submitted to the Government of India, the distribution proposed of the estimated cost of the whole scheme appears to be as shown on the margin, and I am to request that, under His Excellency's orders, the Government of India may be furnished with further information on this point.

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*Order*—dated 28th August 1890, No. 5444, Military.

Communicated to His Excellency the Commander-in-Chief for information, with advertence to the correspondence ending with the Quartermaster-General's letter No. 814-B., dated 11th June 1890, in view to the submission of the report and plans called for by the Government of India in para. 2 of their letter above recorded.

2. As the payment to the municipality of the contribution agreed upon is conditional on the arrangements for the water-supply scheme being approved of by the Public Works Department, the papers on the subject will be forwarded to that department for favor of an expression of the opinion asked for in the concluding clause of para. 2 of the foregoing letter.

3. The attention of the Local and Municipal Department will be invited to para. 3 of the Government of India letter in view to the further information asked for in respect to the initial cost and working charges of the scheme being furnished.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

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From Colonel E. H. EYRE, Officiating Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 21st October 1890, No. 707 M.W.

With advertence to O.G., No. 5444, dated 28th August last, I am desired to state that the General Officer Commanding Southern District reports that all the information available in connection with the proposed water-supply to the Military lines at Trichinopoly is already contained in Mr. Oldham's report and orders passed thereon, as recorded in Proceedings of Government, No. 3780, dated 7th June 1890. I am also to say that the only plans which have been prepared with regard to the water-supply to the lines were submitted to Government with this office letter No. 912 (Barrack) of the 23rd August 1889, recorded in Proceedings of Government, No. 6144 of 7th September 1889, and referred to in the letter from the General Officer Commanding Southern District, No. 475 G., of the 3rd August 1889, para. 3, which accompanied this office letter above quoted.

2. I am to observe that, in the Commander-in-Chief's opinion, the Executive Engineer, Public Works Department, at Trichinopoly, would be in a better position than the Military authorities to afford the information required by the Government of India, and His Excellency trusts that Government may be pleased to instruct that officer accordingly. The Military authorities will be desired to afford the Executive Engineer all assistance in their power.

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No. 6719, Military.

Forwarded to the Public Works Department in view to the Executive Engineer at Trichinopoly being instructed to furnish the necessary information and plans as required by the Government of India.

(By Order.)

Fort St. George, (Signed) H. R. SHELLEY, Colonel,
29th October 1890. *for* Secretary to Government.

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Order—dated 13th November 1890, No. 2998 W., Public Works.

Communicated to the Superintending Engineer, VI Circle, in view to the information called for by the Government of India being furnished by the Executive Engineer, Trichinopoly division.

2. The Government of India requires a clear report and plans showing the exact nature of the arrangements proposed for the supply of water to the Native Infantry lines at Trichinopoly, and these documents can be prepared by the Executive Engineer if the Municipal Council will be good enough to allow him access to the plans and estimates for the proposed water-supply scheme for the town. The Chairman of the Municipal Council will be requested, in the Local and Municipal Department, to afford the Executive Engineer the necessary facilities for examining the papers connected with the general scheme. His Excellency the Commander-in-Chief has already stated that the local Military authorities will be desired to afford the Executive Engineer all assistance in their power.

3. The report and plans should be countersigned by the Chairman, Municipal Council, in token of their accuracy, and they will be submitted by the Superintending Engineer with an expression of his own opinion as to the suitableness of the proposed arrangements.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
" Local and Municipal Department.
" Military Department.

BUILDINGS AND ROADS:
MILITARY WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 2998 W.**

---

**NOVEMBER.**

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### Water-supply scheme at Trichinopoly

Correspondence relative to the extension to the Native Infantry lines of the proposed — to be undertaken by the local municipality, communicated to the Superintending Engineer, VI Circle, with certain instructions.

GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From the Venerable J. F. BROWNE, B.D., Archdeacon of Madras, to the Chief Secretary to Government, dated Madras, 8th October 1890, No. 441.

I have the honor to submit, for the favorable consideration of Government, an estimate, amounting to Rs. 3,410, with plans, &c., as per margin, for renewing the roof of the Protestant Church at Tuticorin.

1 Report by the Superintending Engineer, VI Circle.
1 Estimate.
2 Plans.

2. The report states that the roof is in a damaged condition; hence it is advisable that the work should be taken in hand at once if funds can be sanctioned.

3. The building is borne in the Register of churches maintained by the Public Works Department.

Approved and transferred to the Public Works Department.

31st October 1890.

(Signed) J. F. PRICE,
Chief Secretary.

ORDER—dated 13th November 1890, No. 2999 W., Public Works.

The estimate, amounting to Rs. 3,410, for renewing the roof of the Protestant Church at Tuticorin, is sanctioned and the amount is appropriated from the Provincial reserve with the Government.

2. This sanction has been registered as Provincial No. 71 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with six enclosures.
,, Examiner, Public Works Accounts.
,, Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 2999 W.**

---

**NOVEMBER.**

---

**Protestant Church at Tuticorin**

Estimate for renewing the roof of the —, sanctioned and funds provided from the Provincial reserve.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Account.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Examiner, Public Works Accounts), dated Chepâk, 30th October 1890, No. 3512.

I have the honor to forward an indent on the Director-General of Stores in England for colored glass required by the Consulting Architect to Government for the new Court buildings at Madras.

2. A box, containing samples of the glass required, accompanies the indent.

ENCLOSURE.

REPORT to accompany the indent for colored glass for the new High Court buildings, Madras.

These stores are not procurable in India, the estimate for the work for which they are required has been sanctioned in G.O., No. 2489 W., dated 17th September 1890; the amount provided in the estimate will cover the cost of the same.

(Signed) H. IRWIN,
Consulting Architect to Government.

Office note from the Examiner, Public Works Accounts, dated Madras, 4th November 1890, No. 6521/153.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No 3512, dated 30th October 1890, with an indent (No. 10 of 25th October 1890) for English stores for transmission to the Secretary of State is forwarded for necessary action.

2. I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1890-91 have been provided by the Local Government to the extent of £290-13-6 in the estimate of the Public Works Department for that year.

ORDER—dated 13th November 1890, No. 3000 W., Public Works.

The indent will be forwarded to the Home Government for compliance.

(Here enter No. 3001 W., dated 13th November 1890).

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

GENERAL
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 3000 W.**

---

**NOVEMBER.**

---

**Indent**

An—for colored glass required for the new Law Courts at Madras, ordered to be forwarded to the Home Government for compliance.

# PUBLIC WORKS DEPARTMENT.

**General.**
**Account.**

Letter—from

Colonel J. PENNYCUICK, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

The DIRECTOR-GENERAL of STORES,
India Office.

Sir,

I am directed to forward, for favor of early compliance, an indent for colored glass required for the new Law Courts now under construction at Madras. A box, containing samples of the glass required, will be forwarded by freight packet.

2. The usual certificate by the Examiner, Public Works Accounts, with respect to provision of funds will be found embodied in the Proceedings * of Government herewith forwarded.

* No. 3000 W., dated 13th November 1890.

(Here enter No. 3002 W., dated 13th November 1890.)

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
13th November 1890.

Endorsement—dated 13th November 1890, No. 3002 W., Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India for information.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

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**13th Nov. 1890, Nos. 3001 W., 3002 W.**

---

**NOVEMBER.**

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**Indent**

Forwarding copy of Proceedings forwarding an indent, &c.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following papers :—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 30th September 1890, No. 1918.

I have the honor to forward, for sanction, a revised estimate, amounting to Rs. 19,500, for constructing an office for the Head Assistant Collector, Kurnool District, at Nandyál, in lieu of the original estimate, amounting to Rs. 14,234, sanctioned in G.O., No. 652 W., dated 17th March 1885.

2. The principal cause of the excess in the present estimate is that, when the building was almost completed, a violent storm of wind in May 1890 almost unroofed it as reported in my No. 600, dated 7th June 1890. It is now proposed to put a planked ceiling of deal beneath the Mangalore tiles, which form the roof covering besides eaves boards, and to screw down each tile. I may mention that the Southern Mahratta Railway Company, whose buildings at Nandyál also suffered in the same storm, have had to adopt the same precautions with Mangalore tiling.

3. Another item of excess is the formation of a road up to the office from the high road. This is absolutely necessary, the soil being cotton.

4. The other cause is in the rates which were estimated too low originally to get work done with the Southern Mahratta Railway at work alongside at very much higher rates. The railway has only lately been completed through, and the effect on the rates in the district will be felt for many years to come.

G.O., dated 30th October 1890, No. 6598, Revenue.

*Read*—Official memorandum from the Public Works Department, dated 18th October 1890, No. 4248 C., referring, for approval, letter from the Superintending Engineer, III Circle, forwarding, for sanction, revised estimate for constructing an office for the Head Assistant Collector at Nandyál and forwarding, for inspection and return, a copy of the standard plan on which the estimate is based.

*Order*—dated 30th October 1890, No. 6598, Revenue.

The revised estimate is approved and returned to the Public Works Department.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

ORDER—dated 13th November 1890, No. 3003 W., Public Works.

The revised estimate, amounting to Rs. 19,500, for constructing an office for the Head Assistant Collector at Nandyál in the Kurnool district, is sanctioned in supersession of the estimate of Rs. 14,234 sanctioned in G.O., No. 652 W., dated 17th March 1885.

2. This sanction has been registered as Provincial No. 72 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with four enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 3003 W.**

---

**NOVEMBER.**

---

**Office for the Head Assistant Collector at Nandyal, Kurnool District**

Revised estimate for constructing an —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**General.**
**Account.**

READ—the following papers :—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, Periyár Project, to the Chief Engineer, Public Works Department, dated Periyár, 7th October 1890, No. 1751 P.R.

I have the honor to forward, herewith, copy of letter No. 263 S.E., dated 6th instant, received from the Executive Engineer, No. I, Periyár Division, together with the indent for stores required from England, and to inform you that the wire rope mentioned therein is urgently required for wire tramway A.

ENCLOSURE.

From H. S. TAYLOR, Esq., Executive Engineer, No. I, Periyár Division, to the Superintending Engineer, Periyár Project, dated Periyár, 6th October 1890, No. 263 S.E.

I have the honor to submit an indent for wire rope required for wire tramway A for early compliance. The original length of the wire tramway was 15,600, for which 32,400 feet of wire was received. The length having been increased to 16,860 as below, the wire required is 35,406 feet :—

| | |
|---|---|
| A—B | 5,660 |
| B—C | 2,700 |
| C—D | 1,800 |
| D—E | 6,700 |
| Total | 16,860 |

16,860 × 2 = 33,720 + 1,686, being 5 per cent. for slack and splice = 35,406. The difference about 3,000 feet is therefore still required.

No. 4164 C.

Forwarded to the Superintending Engineer, V Circle, for early submission of an indent in proper form.

(Signed) W. L. C. BADDELEY, Major, R.E.,
Deputy Chief Engineer, P.W.D.

14th October 1890.

Telegram from the Superintending Engineer, Periyár Project, dated 14th October 1890.

From H. S. TAYLOR, Esq., Executive Engineer, No. I, Periyár Division, to the Superintending Engineer, Periyár Project, dated Periyár, 11th October 1890, No. 275 S.E.

Referring to my letter No. 263 S.E., dated 6th instant, indenting for steel rope for wire tramway, I have the honor to forward copy of letter No. 560, dated 8th instant, from Sub-Divisional officer, Thekady, and to request that 3,600 feet of rope instead of 3,000 feet may be obtained as per correct calculation explained in the letter.

ENCLOSURE.

From H. T. KEELING, Esq., Assistant Engineer, No. I, Periyár Division, to the Executive Engineer, No. I, Periyár Division, dated Thekady, 8th October 1890.

I have the honor to amend the indent sent in my No. 376, dated 23rd September 1890; amount required is—

| | |
|---|---|
| A—B ... ... ... ... ... ... ... ... ... | 5,660 |
| B—C ... ... ... ... ... ... ... ... ... | 2,700 |
| C—D ... ... ... ... ... ... ... ... ... | 2,050 |
| D—E ... ... ... ... ... ... ... ... ... | 6,700 |
| | 17,110 |
| | 2 |
| | 34,220 |
| | 1,710 |
| | 35,930 |
| Amount sent ... | 32,400 |
| Now indented for ... | 3,530 |

Error is due to the section C—D having been put 2,500 feet on one section and 1,800 feet on report, whereas it measures 2,050 feet.

No. 1778 P.R.

Submitted to the Chief Engineer, Public Works Department, in continuation of this office No. 1751 P.R., dated 7th October 1890, with a request that the length of wire rope indented for may be altered from 3,000 feet to 3,600 feet.

2. A telegram has this day been forwarded on the subject.

PERIYAR, 13th October 1890. (Signed) D. McNEIL CAMPBELL, Major, R.E., Superintending Engineer, Periyár Project.

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Examiner, Public Works Accounts), dated Chepâk, 30th October 1890, No. 3511.

With reference to your endorsement No. 4164 C., dated 14th October 1890, herewith returned, I have the honor to forward an indent in the prescribed form on the Director-General of Stores in England for stores required for the Periyár project.

Office note from the Examiner, Public Works Accounts, dated Madras, 4th November 1890, No. 6523/153.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 3511, dated 30th October 1890, with an indent (No. 8 of 25th October 1890) for English stores for transmission to the Secretary of State is forwarded for necessary action.

2. I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1890-91 have been provided by the Local Government to the extent of £68-4-0 in the estimate of the Public Works Department for that year.

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Order—dated 13th November 1890, No. 3004 W., Public Works.

The indent will be forwarded to the Home Government for compliance.

(Here enter No. 3005 W., dated 13th November 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Periyár Project.
" " " V Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 3004 W.**

---

**NOVEMBER.**

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**Indent**

An — for steel wire rope urgently required for the tramway at the Periyár Project Works, ordered to be forwarded to the Home Government for compliance.

# PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE, LONDON.

SIR,

I am directed to forward, for favor of early compliance, an indent for 3,600 feet of steel wire rope urgently required for the tramway at the Periyár Project Works.

2. The usual certificate with respect to the provision of funds will be found embodied in the Proceedings * of Government herewith forwarded.

* No. 3004 W., dated 13th November 1890.

(Here enter No. 3006 W., dated 13th November 1890.)

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
13th November 1890.

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ENDORSEMENT—dated 13th November 1890, No. 3006 W., Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India for information.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**13th Nov. 1890, Nos. 3005 W., 3006 W.**

---

**NOVEMBER.**

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**Indent**

Forwarding copy of Proceedings forwarding an indent, &c.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From J. H. RITCHIE, Esq., M.D., Senior Medical Officer, General Hospital, to the Secretary to the Surgeon-General with the Government of Madras, dated Madras, 1st October 1890, No. 551.

With reference to the correspondence ending with your letter, No. 1914, dated 28th March, I have the honor to submit, with the Consulting Architect's letter,* a plan and estimate for constructing a laundry for the approval of the Surgeon-General and transmission to Government.

* No. 2009 of 25th September 1890.

2. The file of papers on the subject is enclosed for reference and return.

Memo. No. 755.

Forwarded to the Chief Secretary to Government, Public Department, for the sanction of the Right Honorable the Governor in Council.

FORT ST. GEORGE,
18th October 1890.

(Signed) W. F. DEFABECK, M.D.,
Surgeon-General with the Government of Madras.

Approved and transferred to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

30th October 1890.

ORDER—dated 13th November 1890, No. 3007 W., Public Works.

The estimate, amounting to Rs. 9,880, for constructing a laundry at the General Hospital, Madras, is sanctioned.

2. A sum of Rs. 6,940 has been provided for the work in the current year's Provincial budget and the Consulting Architect will apply for the balance of the estimate if required.

3. This sanction has been registered as Provincial No. 74 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with five enclosures.
" Examiner, Public Works Accounts.
" Public Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

**G.O., 13th Nov. 1890, No. 3007 W.**

**NOVEMBER.**

**General Hospital, Madras**

Estimate for constructing a laundry at the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From the Examiner, Public Works Accounts, dated Madras, 3rd November 1890.

ABSTRACT.—Forwarding return showing dates of receipt of accounts for September 1890 in the office of Examiner, Public Works Accounts.

ORDER—dated 13th November 1890, No. 3008 W., Public Works.

The Examiner, Public Works Accounts, submits a report showing the receipt of divisional accounts for the month of September 1890, from which it is observed that the undermentioned divisions were in arrears:—

| | |
|---|---|
| Kistna Eastern ... ... ... ... ... ... ... | One day late. |
| Do. Western ... ... ... ... ... ... ... | One day late. |
| Kurnool ... ... ... ... ... ... ... ... | Six days late. |
| Coimbatore ... ... ... ... ... ... ... | One day late. |

2. Explanation has been received only from the Kistna Western division. The Superintending Engineer, III Circle, will explain the delay of six days in the Kurnool division.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
„ Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

**G.O., 13th Nov. 1890, No. 3008 W.**

**NOVEMBER.**

**Divisional Accounts**

Passing orders on report submitted by the Examiner, Public Works Accounts, showing the receipt and disposal of — for September 1890.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 14th October 1890, No. 1386 G.D.

I have the honor to submit, herewith, a revised estimate, together with a comparative statement, amounting to Rs. 1,370, for additional work and alterations to the Sub-Magistrate's Cutcherry at Pithápuram, in the Godávari Eastern division, and to request that the sanction of Government may be obtained to the same.

2. The original estimate (Rs. 780) was sanctioned by the late Superintending Engineer in August 1889, in which only one record rack was provided. As it has since been found that two more record racks are necessary, they are now included in this estimate.

---

ORDER—dated 13th November 1890, No. 3009 W., Public Works.

The estimate, amounting to Rs. 1,370, for additions and alterations to the Sub-Magistrate's office at Pithápuram, in the Godávari district, is sanctioned.

2. This sanction has been registered as Provincial No. 73 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with two enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 3009 W.**

---

**NOVEMBER.**

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**Sub-Magistrate's Office at Pithapuram, Godavari District**

Estimate for additions and alterations to the —, sanctioned.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

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### General.
### Establishment.

READ—the following papers :—

From the Superintending Engineer, I Circle, dated 18th February 1890, No. 2722 G.D.
From the Examiner, Public Works Accounts, dated 24th March 1890, No. 1669.
From the Superintending Engineer, I Circle, dated 21st May 1890, No. 343 G.D.
From the Examiner, Public Works Accounts, dated 23rd July 1890, No. 4433.
From the Superintending Engineer, I Circle, dated 25th June 1890, No. 621 G.D.

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From J. W. MARTIN, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Pakkilanka, 7th September 1890, No. 1214 G.D.

With reference to your memorandum No. 3317 C., dated 7th August 1890, I have the honor to submit herewith a revised proposition statement for the office establishment required for the combined Godávari Western division, and to request that you will be so good as to obtain the sanction of Government to the same. The statement has been prepared according to the instructions contained in the memorandum under reference.

2. The proposed scale of office establishment, as shown in the present statement, includes two more clerks (temporary) than the establishment shown in the previous statement.

2. Regarding the two temporary clerks, the Executive Engineer, in his letter No. 265, dated 30th ultimo, copy of which is enclosed, reports that these men are absolutely necessary to prevent the office work getting into arrears. You will notice in the last paragraph of his letter the Executive Engineer reports that the present establishment works very hard, keep no holidays, and that Sunday is quite as busy as any other day. Under these circumstances I see no alternative but to recommend that the two temporary clerks applied for should be sanctioned.

ENCLOSURE.

PROPOSITION statement for revision of the office establishment of the Godávari Western Division.

| Order sanctioning the present Establishment. Government of Madras, Public Works Department. | | Office to which the proposition refers. | Nature of change. | | | | | | | | | | | | | Proposition. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Present scale. | | | | | | Proposed scale. | | | | | | Permanent. | | Temporary. | | | |
| | | | | | Pay. | | | | | | Pay. | | | | Increase per month. | Decrease per month. | Increase per month. | | Decrease per month. | |
| Number. | Date. | | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Amount. | Amount. | Period. | Amount. | Period. | Amount. |
| | | | | | RS. | RS. | RS. | RS. | | | RS. | RS. | RS. | RS. | RS. | RS. | | RS. | | RS. |
| Budget for 1889-90 | | Godávari Western Division. | | LATE GODAVARI WESTERN DIVISION. | | | | | | COMBINED GODAVARI WESTERN DIVISION. | | | | | | | | | | |
| | | | | OFFICE ESTABLISHMENT. | | | | | | OFFICE ESTABLISHMENT. | | | | | | | | | | |
| | | | | *Executive Engineer's Office.* | | | | | | *Executive Engineer's Office.* | | | | | | | | | | |
| | | | 1 | Clerk, III class, 2nd grade .. | 60 | 4 | 80 | 70 | 1 | Clerk, III class, 2nd grade .. | 60 | 4 | 80 | 70 | .. | .. | .. | .. | .. | .. |
| | | | 1 | Do. IV ,, 1st ,, .. | 40 | 2 | 50 | 45 | 2 | Clerks, IV ,, 1st ,, .. | 40 | 2 | 50 | 90 | 45 | .. | .. | .. | .. | .. |
| | | | 1 | Do. IV ,, 2nd ,, .. | 30 | 2 | 40 | 35 | 2 | Do. IV ,, 2nd ,, .. | 30 | 2 | 40 | 70 | 35 | .. | .. | .. | .. | .. |
| | | | | | | | | | 1 | Clerk, IV ,, Cashier .. | 30 | 2 | 40 | 35 | 35 | .. | .. | .. | .. | .. |
| | | | 2 | Clerks, IV class, 3rd grade .. | 20 | 2 | 30 | 50 | 3 | Clerks, IV ,, 3rd grade .. | 20 | 2 | 30 | 75 | 25 | .. | .. | .. | .. | .. |
| | | | | | | | | | 1 | Do. V ,, 1st ,, .. | 15 | 1 | 20 | 17½ | 17½ | .. | .. | .. | .. | .. |
| | | | 1 | Clerk .. .. .. | 30 | .. | 30 | 30 | 1 | Clerk .. .. .. | 20 | .. | 20 | 20 | .. | .. | .. | .. | .. | 10 |
| | | | 1 | Do. .. .. .. | 15 | .. | 15 | 15 | 1 | Do. .. .. .. | 14 | .. | 14 | 14 | .. | .. | .. | .. | .. | 1 |
| | | | 1 | Draftsman, 1st class .. .. | 50 | 4 | 70 | 60 | 1 | Draftsman, 1st class .. | 50 | 4 | 70 | 60 | .. | .. | .. | .. | .. | .. |
| | | | 1 | Do. 3rd ,, .. .. | 20 | 2 | 30 | 25 | 2 | Draftsmen, 3rd ,, .. | 20 | 2 | 30 | 50 | 25 | .. | .. | .. | .. | .. |
| | | | | *Eastern Sub-division.* | | | | | | *Eastern Sub-division.* | | | | | | | | | | |
| | | | 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | .. | .. | .. | .. | .. | .. |
| | | | 1 | Do. .. .. .. | 15 | .. | 15 | 15 | 1 | .... | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| | | | | | | | | | 1 | Clerk, V class, 1st grade .. | 15 | 1 | 20 | 17½ | 17½ | .. | .. | .. | .. | .. |
| | | | | | | | | | | *Central Delta Sub-division.* | | | | | | | | | | |
| | | | | | | | | | 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | 25 | .. | .. | .. | .. | .. |
| | | | | | | | | | 1 | Do. V ,, 1st ,, .. | 15 | 1 | 20 | 17½ | 17½ | .. | .. | .. | .. | .. |
| | | | | *Western Sub-division.* | | | | | | *Western Sub-division.* | | | | | | | | | | |
| | | | 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | 1 | Clerk IV class, 3rd grade .. | 20 | 2 | 30 | 25 | .. | .. | .. | .. | .. | .. |
| | | | 1 | Do. .. .. .. | 12 | .. | 12 | 12 | 1 | .... | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| | | | | | | | | | 1 | Clerk, V class, 1st grade .. | 15 | 1 | 20 | 17½ | 17½ | .. | .. | .. | .. | .. |

Budget for 1889-96.

Godávari Western Division.

| No. | Designation | | | | | No. | Designation | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tank Sub-division.* | | | | | | *Tank Sub-division.* | | | | | | | | | | |
| 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | .. | .. | .. | .. | .. | .. |
| 1 | Messenger .. .. .. | .. | .. | .. | 7 | 1 | Messenger .. .. .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. |
| 3 | Messengers, each Rs. 6 .. | .. | .. | .. | 18 | 5 | Messengers, each Rs. 6 .. | .. | .. | .. | 30 | 12 | .. | .. | .. | .. | .. |
| 18 | Total .. | .. | .. | .. | 457 | 28 | Total .. | .. | .. | .. | 691 | 272 | .. | .. | .. | .. | 38 |
| | LATE GODAVARI CENTRAL DIVISION. | | | | | | | | | | | | | | | | |
| | OFFICE ESTABLISHMENT. | | | | | | | | | | | | | | | | |
| | *Executive Engineer's office.* | | | | | | | | | | | | | | | | |
| 1 | Clerk, III class, 2nd grade .. | 60 | 4 | 80 | 70 | .. | .... | .. | .. | .. | .. | .. | 70 | .. | .. | .. | .. |
| 1 | Do. IV ,, 1st ,, .. | 40 | 2 | 50 | 45 | .. | .... | .. | .. | .. | .. | .. | 45 | .. | .. | .. | .. |
| 1 | Do. IV ,, 2nd ,, .. | 30 | 2 | 40 | 35 | .. | .... | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. |
| 1 | Do. IV ,, 2nd ,, cashier. | 30 | 2 | 40 | 35 | .. | .... | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. |
| 1 | Sheroff .. .. .. | 10 | .. | 10 | 10 | .. | .... | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. |
| 4 | Clerks, IV class, 3rd grade .. | 20 | 2 | 30 | 100 | .. | .... | .. | .. | .. | .. | .. | 100 | .. | .. | .. | .. |
| 1 | Clerk V ,, 1st ,, .. | 15 | 1 | 20 | 17½ | .. | .... | .. | .. | .. | .. | .. | 17½ | .. | .. | .. | .. |
| 1 | Draftman, 1st class .. .. | 50 | 4 | 70 | 60 | .. | .... | .. | .. | .. | .. | .. | 60 | .. | .. | .. | .. |
| 1 | Do. 2nd ,, .. .. | 35 | 3 | 50 | 42½ | .. | .... | .. | .. | .. | .. | .. | 42½ | .. | .. | .. | .. |
| | *Nagaram Sub-division.* | | | | | | | | | | | | | | | | |
| 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | .. | .... | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. |
| 1 | Do. V ,, 1st ,, .. | 15 | 1 | 20 | 17½ | .. | .... | .. | .. | .. | .. | .. | 17½ | .. | .. | .. | .. |
| | *Ralli Sub-division.* | | | | | | | | | | | | | | | | |
| 1 | Clerk, IV class, 3rd grade .. | 20 | 2 | 30 | 25 | .. | .... | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. |
| 1 | Do. V ,, 1st ,, .. | 15 | 1 | 20 | 17½ | .. | .... | .. | .. | .. | .. | .. | 17½ | .. | .. | .. | .. |
| 1 | Messenger .. .. .. | .. | .. | .. | 7 | .. | .... | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. |
| 3 | Messengers, each Rs. 6 .. | .. | .. | .. | 18 | .. | .... | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. |
| 20 | Total .. | .. | .. | .. | 525 | .. | Total .. | .. | .. | .. | . | .. | 525 | .. | .. | .. | .. |
| 38 | Grand Total .. | .. | .. | .. | 982 | 28 | Grand Total .. | .. | .. | .. | 691 | 272 | 525 | .. | .. | .. | 38 |

DOWLAISHWERAM,
14th September 1890.

(Signed) J. W. MARTIN,
Superintending Engineer, I Circle.

From the Examiner, Public Works Accounts, dated 24th October 1890, No. 6333.

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ORDER—dated 13th November 1890, No. 3010 W., Public Works.

The revision of the permanent and temporary establishment in the Godávari Western division, as proposed in the statement submitted by the Superintending Engineer, I Circle, is sanctioned.

2. This sanction has been registered as Provincial No. 66 W. of 1890-91, and classified as Establishment.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

---

**G.O., 13th Nov. 1890, No. 3010 W.**

---

**NOVEMBER.**

---

**Establishment in the Godavari Western Division**

The revision of the permanent and temporary—, as proposed by the Superintending Engineer, I Circle, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Military Works.**

READ—the following paper :—

From Major S. GRANT, R.E., Assistant Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 29th October 1890, No. 2766 M.W.

In reply to your letter, No. 1339 W., dated 12th May 1890, I am directed to state, for the information of His Excellency the Governor in Council, that the Government of India sanction the estimate, therewith submitted, amounting to Rs. 31,560, for constructing a barrack, with subsidiary buildings, for the accommodation of 30 men at Calicut.

---

ORDER—dated 13th November 1890, No. 3015 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, and the Military Department with reference to G.O., No. 1338 W., dated 12th May 1890.

2. Arrangements should be made to carry on the work as vigorously as possible to admit of the current year's grant, viz., Rs. 10,000, being fully utilised before the close of the official year.

3. The sanction accorded by the Government of India has been registered as Imperial No. 5 W. of 1890-91, and classified as Military, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with three enclosures.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

**G.O., 13th Nov. 1890, No. 3015 W.**

**NOVEMBER.**

### Barrack at Calicut

Letter from the Government of India sanctioning the estimate for constructing a — with subsidiary buildings for the accommodation of 30 men, communicated to the Superintending Engineer, IV Circle, and the Military Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

MEMORANDUM.

The undersigned has the honor to invite consideration of the arrangements to be made for the superintendence of the Periyár project.

2. In his note recorded with G.O., No. 919 W., of 21st March 1890, Colonel Pennycuick recommended, though with some hesitation, that the employment of a special Superintending Engineer for the control of the Project works should be continued for the present, and this arrangement was approved in the Government Order quoted.

3. The undersigned considers that the time has now come when the employment of this special officer may be discontinued, and it is suggested that advantage should be taken of the approaching retirement of Colonel Burton to post Major Campbell (now in charge of the Periyár works) to the V Circle in Colonel Burton's place.

4. The inspection of the works recently made by the undersigned has satisfied him that the necessity for a special Superintending Engineer no longer exists, and this view is shared by Major Campbell himself, who has more than once expressed his opinion that his presence in charge of the works is unnecessary.

5. The undersigned would propose to place No. II division, which includes all the work in the Madura district, under the Superintending Engineer, VI Circle, whose charge already embraces the district named; for the works in No. I division, *i.e.*, for those in the Periyár valley, he would propose to give Mr. Taylor (the Executive Engineer) the powers of a Superintendent of Works, and place him under the immediate orders of the Chief Engineer.

6. Mr. Taylor is an officer of over fifteen years' service, of judgment and ability above the average, and has been in executive charge of No. I division since the beginning of the work, so that he possesses an intimate knowledge of every detail connected with them, and the undersigned has full confidence in his capacity.

7. The separation of the two divisions as regards direction may appear unusual, but in point of fact they have nothing in common, being separated from one another by an interval of more than seventy miles, while the distribution of allotments between them must in any case be retained in the hands of Government and the Chief Engineer.

8. If these proposals be approved it will be necessary to combine with them a slight alteration in the distribution of divisions between the three southern circles. The VI Circle is already the most troublesome in the Presidency and the addition to it of the works belonging to No. II Periyár division would make it too heavy a charge for efficient supervision ; on the other hand, the IV Circle, consisting of only two divisions (Coimbatore and West Coast), though large as regards area, is ridiculously light as regards work and an addition to it would have been proposed some time ago had it not been considered better to defer dealing with the question until it could be taken up at the same time as that of the supervision of the Periyár works.

9. It is proposed that the *North Arcot* division shall be transferred from the V Circle to the IV, which will then consist of the three divisions of North Arcot, Coimbatore and West Coast, and that the Negapatam and Tanjore divisions (which

together make up the Tanjore district) be transferred from the VI to the V Circle, relieving the former to an extent which will allow of the addition to it of No. II Periyár division.

10. The geographical arrangement will be convenient, the IV Circle including the districts served by the South-West line of the Madras Railway, the V Circle the three districts (Chingleput, South Arcot and Tanjore) served by the northern portion of the South Indian Railway and the VI the three districts (Trichinopoly, Madura and Tinnevelly) served by the southern portion of the same line.

11. It will be an incidental advantage to bring both banks of the Coleroon (South Arcot and Tanjore) under the same management.

12. If these proposals be approved the necessary subsidiary instructions will be issued by the Chief Engineer.

13. The proposed arrangements will add considerably to Mr. Taylor's responsibility, and it is therefore recommended that application be made to the Government of India for sanction to the grant to him of an allowance of Rs. 100 as Superintendent of Works under para. 240 of the Public Works Code; there will of course be a large saving by the abolition of the extra Superintending Engineer's post.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

23rd October 1890.

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Order—dated 13th November 1890, No. 3024 W., Public Works.

The proposals of the Chief Engineer are approved.

2. The Superintending Engineers concerned will make immediate arrangements for the transfer of the North Arcot division from the V to the IV Circle and of the Tanjore and Negapatam divisions from the VI to the V Circle.

3. These transfers should be completed in time to allow Major Campbell to go completely through the works of No. II Periyár division in company with the Superintending Engineer, VI Circle, and to hand over charge of this division prior to relieving Colonel Burton in the charge of the V Circle.

4. The Superintending Engineer, Periyár project, will report, after consultation with the Executive Engineer, No. I Periyár division, what portion of his present office and petty establishment he considers should be retained for employment under the Superintendent of Works. Notice should be given to those members of his establishment whose services it is not desired to retain.

5. The Government of India will be addressed regarding the grant of a local allowance as Superintendent of Works to the Executive Engineer in charge No. I Periyár division.

(Here enter No. 3025 W., dated 13th November 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, Periyár Project.
,, Superintending Engineers, IV, V and VI Circles.
,, Examiner, Public Works Accounts.
,, Revenue Department.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November*, 13*th*.

*Recd.* *Encl.*

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**G.O., 13th Nov. 1890, No. 3024 W.**

---

**NOVEMBER.**

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## Periyar Project Works

Orders on proposals of the Chief Engineer, Public Works Department, for the future control and superintendence of the — and for the re-arrangement of certain circles in consequence.

# PUBLIC WORKS DEPARTMENT.

General.
**Establishment.**

LETTER—from

COLONEL J. PENNYCUICK,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

In continuation of my letter No. 2744 W., dated 16th October 1890, I am directed to forward a copy of the Proceedings of this Government, No. 3024 W., dated 13th November 1890, dispensing with the employment of a special Superintending Engineer for the charge of the Periyár Project works, and adopting what is practically the arrangement suggested by the Government of India in their letter No. 104 G., dated 14th January 1888.

2. I am directed to request the sanction of the Government of India to the grant of a local allowance of Rs. 100 as Superintendent of Works to the Executive Engineer in charge of No. I Periyár Project division, in addition to the Periyár allowance now granted to him in common with other officers employed on the project.

3. I am to say that the Executive Engineer's responsibility will be greatly increased by the proposed change, and that His Excellency the Governor in Council considers that additional remuneration is fairly claimable on this account.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
13th November 1890.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 13th.*

*Recd.* *Encl.*

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**13th Nov. 1890, No. 3025 W.**

---

**NOVEMBER.**

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## Periyar Project Works

Forwarding copy of Proceedings regarding proposals for the future control and superintendence of the — and for the re-arrangement of certain circles in consequence, and requesting sanction to the grant of a local allowance of Rs. 100 as Superintendent of Works to the Executive Engineer in charge of No. I Periyár Project division, in addition to the Periyár allowance now granted him.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From Lt.-Col. R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Tirúr, 30th October 1890, No. 341 E.W.

With reference to para. 3 of G.O., No. 1665 W., of 16th June 1890, I have the honor to forward, for sanction of Government, plans and estimate amounting to Rs. 18,100 for re-constructing the Farewell bridge at the 14th mile on the Ootacamund-Kullar road on the Whipple Murphy single trellis system, as per type design of iron bridges. Drawing No. 18 of 70-feet span circulated with G.O., No. 2328 W., of 4th August 1888.

2. There is a provision of Rs. 10,000 for this work in the current year's budget, and to enable me to utilize the sum in this year I request that the sanction of Government may be obtained for purchasing the iron works locally from Messrs. Richardson and Cruddas or Messrs. Massey and Co.

3. The Executive Engineer proposes to collect materials as soon as the estimate is sanctioned and to commence the abutments in January next, so as to have them completed by the middle of February next, when the girders would be put up before the next busy season commences.

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ORDER—dated 14th November 1890, No. 3026 W., Public Works.

The estimate, amounting to Rs. 18,100, for re-constructing the Farewell bridge at the 14th mile on the Ootacamund-Kullar road, is sanctioned.

2. A sum of Rs. 10,000 has been allotted for the work in the current year's Provincial budget.

3. The local purchase of the iron work required for the bridge is sanctioned under para. 3, clause 2, Appendix G, of the Public Works Code.

4. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 75 W. of 1890-91 and classified as Communications, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with six enclosures.
,, Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November,* 14*th.*

*Recd.* *Encl.*

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**G.O., 14th Nov. 1890, No. 3026 W.**

---

**NOVEMBER.**

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**Farewell Bridge**

The estimate for re-constructing the — on the Ootacamund-Kullar road and the local purchase of the iron work required for the same, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**General.**
**Establishment.**

READ—the following paper:—

G.O., dated 7th November 1890, No. 6889, Military.

*Read*—the following letter from the Adjutant-General, to the Secretary to Government, Military Department, dated 3rd November 1890, No. 731 R.

With reference to Proceedings of Government, Military Department, No. 7201, dated 29th October 1888, communicating G.O., No. 3147 W., Public Works, dated 8th idem, I have the honor, by desire of His Excellency the Commander-in-Chief, to bring to your notice that S.G.O. No. 6 of 1888, referred to in this office letter No. 699 R., dated 30th August 1888, embodied in the Proceedings of Government quoted above, has been cancelled by S.G.O., No. 30 of 1890, page 94, and I am to request that you will be so good as to cause the Officers of the Public Works Department to be informed that the reports of births, marriages and deaths (irrespective of the half-yearly returns) of men of the Royal Artillery on the unattached list, serving in the Public Works Department, Madras, should accordingly be forwarded to the Colonel on the Staff, Royal Artillery, Madras Circle, Ootacamund, instead of, as heretofore, to the Officer Commanding Royal Artillery, Bangalore District.

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*Order*—dated 7th November 1890, No. 6889, Military.

Communicated to the Public Works Department for information and guidance, with reference to O.G. No. 3147 W., dated 8th October 1888.

(True Extract.)

(Signed) A. R. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

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ORDER—dated 15th November 1890, No. 3040 W., Public Works.

Communicated to Officers of the Public Works Department with reference to G.O., No. 3147 W., dated 8th October 1888.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 15th.*

*Recd.* *Encl.*

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**G.O., 15th Nov. 1890, No. 3040 W.**

---

**NOVEMBER.**

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### Domestic occurrences

Proceedings in the Military Department communicating letter from the Adjutant-General requesting that — connected with men of the Royal Artillery on the unattached list serving in the Public Works Department should in future be forwarded to the Colonel on the Staff, Royal Artillery, Madras Circle, Ootacamund, communicated to Officers of the Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 4th November 1890, No. 2282.

With reference to your circular No. 4189 C, dated 15th October 1890, I have the honor to request that you will be good enough to obtain the sanction of Government for the following modification of allotments during 1890-91 :—

*Under Imperial, Civil Buildings—Telegraph office, Guntakal, Rs.* 5,000.—This amount is not required as no order has yet been received from the Government of India regarding its construction by the Southern Mahratta Railway Company and therefore the amount may be resumed.

*Under Provincial Funds.*—

| Amounts not required. | RS. | Amounts required. | RS. |
|---|---|---|---|
| Kurnool division— | | Kurnool division— | |
| Residence for the Head Assistant Collector, Nandyál ... | 2,000 | Provincial minor new works ... | 500 |
| District Munsif's Court, Márkápur. | 3,000 | Bellary division— | |
| | | Constructing Collector's cutcherry, Anantapur, for incomplete works. | 555 |
| Total surrendered ... | 5,000 | Total required ... | 1,055 |

The amounts now surrendered, viz., Rs. 5,000, are not required owing to the estimates not being sanctioned up to date.

The Collector's cutcherry at Anantapur is an incomplete work of last year, and application for funds was not made as it was originally expected to complete the work at an additional expenditure not exceeding Rs. 500.

ORDER—dated 17th November 1890, No. 3054 W., Public Works.

The following sums surrendered by the Superintending Engineer, III Circle, are resumed and credited to the Provincial reserve with the Government :—

| | | RS. |
|---|---|---|
| (1) | Residence for the Head Assistant Collector at Nandyál ... | 2,000 |
| (2) | District Munsif's Court, Márkápur ... ... ... | 3,000 |
| | Total ... | 5,000 |

2. The following appropriations are made from the Provincial reserve :—

| | | RS. |
|---|---|---|
| (1) | Constructing an office for the Collector at Anantapur ... | 555 |
| (2) | Civil buildings, minor works, Kurnool division ... ... | 500 |
| | Total ... | 1,055 |

3. In the final issue of the Imperial Civil works budget estimate for 1890-91, a sum of Rs. 5,000 was provided for constructing a telegraph office at Guntakal in the Bellary district, and the Superintending Engineer, III Circle, was ordered to expedite submission of plans and estimates for the work. The Executive Engineer, Bellary division, then prepared an estimate for Rs. 14,300 which he forwarded to the Superintendent of Telegraphs, Madras division, for countersignature and return. That officer, however, in his letter, No. 807, dated 12th May 1890, stated that the Southern Mahratta Railway Company had offered to construct the telegraph office, and that he had therefore retained the estimate pending the decision of the Government of India. As no orders have yet been received from the Government of India, the Superintending Engineer, III Circle, surrenders the current year's grant of Rs. 5,000 for the work in question, and this amount, together with Rs. 1,225, being the percentage charges for establishment and tools and plant, will, therefore, be resumed and replaced at the disposal of the Director-General of Telegraphs.

4. Ordered that a copy of these Proceedings be forwarded to the Government of India, Public Works Department, for information.

(Here enter No. 3055 W., dated 17th November 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
,, Examiner, Public Works Accounts.
,, Director-General of Telegraphs.
,, Superintendent of Telegraphs, Madras division.

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ENDORSEMENT—dated 17th November 1890, No. 3055 W., Public Works.

Forwarded.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 17th.*

*Recd.* *Encl.*

**G.O., 17th Nov. 1890, Nos. 3054, 3055 W.**

**NOVEMBER.**

**Funds**

Forwarding copy of Proceedings resuming the current year's grant for constructing a telegraph office at Guntakal, Bellary district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**General.**
**Establishment.**

READ—again the following paper :—

G.O., dated 18th June 1890, No. 1696 W., Public Works.

READ—also the following paper :—

Letter from the Superintending Engineer, III Circle, dated 25th October 1890, No. 2125.

ORDER—dated 17th November 1890, No. 3056 W., Public Works.

On reconsideration the Government resolves to raise the status of the Bellary division to that of a second-class division. The office establishment will accordingly be on the following scale :—

| | RS. |
|---|---|
| 1 Clerk ... | 60—80 |
| 1 do. ... | 30—40 |
| 2 Clerks (each) ... | 20—30 |
| 1 Draftsman ... | 50—70 |
| 1 do. ... | 20—30 |
| 1 Messenger ... | 7 |
| 1 do. ... | 6 |

2. This sanction has been registered as Provincial No. 68 W. of 1890-91, and classified as Establishment, Permanent.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 17th.*

*Recd.* *Encl.*

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**G.O., 17th Nov. 1890, No. 3056 W.**

---

**NOVEMBER.**

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**Bellary Division**

The status of the — raised to that of a second-class division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**General.**
**Establishment.**

READ—the following paper :—

From G. H. D. WALKER, Esq., Under-Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, the 30th October 1890, No. 3036 G.

*Rules regulating the pay of Non-Commissioned Officers promoted to Warrant rank whilst on furlough.*

The Governments of Madras and Bombay, Public Works Department (General and Railway Branches).
The Governments of Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners of the Central Provinces, Burma, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India, Rajputana and Baluchistan.
The Accountant-General, Public Works Department.
The Director-General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Central Division and Lucknow.
The Director-General of Telegraphs.

The following is forwarded to the Local Governments, Administrations and Officers noted on the margin, for information and guidance, in continuation of Public Works Department No. 3345 G., dated 28th November 1889.

Circular Memorandum from the Adjutant-General in India, to the Secretary to the Government of India, Public Works Department, dated 30th September 1890, No. 5491-C.

With reference to India Army Circulars, clause 187, of 1889, it is notified for information that the Secretary of State for India has intimated that a non-commissioned officer promoted to warrant rank whilst on furlough, and consequently coming under the new leave rules, will be paid in accordance with rule II thereof, with effect from the date of his warrant rank whether this be immediately advantageous or otherwise. This will not, however, affect the special cases provided for by article 854 D.I., Army Regulations, India, Volume I, Part I, which is to apply during furlough.

ORDER—dated 17th November 1890, No. 3057 W., Public Works.

Communicated to Superintending Engineers in continuation of G.O., No. 3565 W., dated 13th December 1889.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Consulting Engineer for Railways.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 17th.*

*Recd.* *Encl.*

**G.O., 17th Nov. 1890, No. 3057 W.**

**NOVEMBER.**

### Rules

Endorsement of the Government of India forwarding, for information and guidance, copy of a letter from the Adjutant-General in India regarding—regulating the pay of non-commissioned officers promoted to warrant rank whilst on furlough, communicated to Superintending Engineers.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From H. C. KING, Esq., Honorary Secretary, Pavilion Fund, Madras Cricket Club, to the Secretary to Government, Public Works Department, dated The Cloisters, Teynampett, 20th October 1890.

At a meeting of the Committee of the Madras Cricket Club held on the 18th instant it was resolved—

(1) That I be requested to address His Excellency the Governor in Council with a view to obtaining the permission of Government for the Consulting Architect to Government to prepare a plan and estimate for and superintend the building of a new cricket pavilion on the Chepâk ground, and

(2) That I be requested to ask the Government to give a grant-in-aid towards the construction of such pavilion.

2. With reference to the second resolution, I am directed by the Committee to point out that, prior to the construction of the Buckingham Canal, the original front of the pavilion was properly faced as regards light, but that when, owing to the construction of the canal, the cricket ground was transferred to its present position, it necessarily followed that the present front of the pavilion was exposed to the glare of the sun throughout the day, and is in consequence wholly unfitted for the purpose for which it was originally intended.

3. It is estimated that the building of the new pavilion will cost Rs. 10,000, a large portion of which the Committee hope to raise by public subscription, but they venture to express a hope that His Excellency the Governor in Council will sanction a contribution towards the fund.

4 Finally I am directed by the Committee to state that they would esteem it a great favor if the views of His Excellency the Governor in Council on the above resolutions could be communicated to them at a very early date.

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ORDER—dated 17th November 1890, No. 3066 W , Public Works.

The first request of the Committee of the Madras Cricket Club is sanctioned. The plans of the proposed building will be submitted to the Chief Engineer, Public Works Department, for approval, before the work is begun, and it will be carried out in accordance with the rules prescribed in paras. 1339 *et seq.* of the Public Works Code. The usual charges on account of Public Works supervision and tools and plant will be waived in consideration of the fact that the ground on which the building will stand is Government property and that the proposed change of site is to some extent in the public interests, as the appearance of the grounds will certainly be improved thereby.

2. With regard to the second request, His Excellency the Governor in Council observes that the cricket ground is much used at certain seasons of the year by the scholars and students of the schools and colleges of Madras, and by the European

residents and soldiers. When the old cricket ground was cut through by the Buckingham canal, no compensation was given to the Cricket club beyond the alteration of the existing building. On these grounds, and because the change now proposed is the result of the action of the Government in cutting the canal, His Excellency the Governor in Council resolves to sanction a grant-in-aid of Rs. 2,000 towards the proposed new building. The money will be formally appropriated when the plans and estimates are sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Honorary Secretary, Pavilion Fund, Madras Cricket Club.
„ Consulting Architect to Government.
„ Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras

## PUBLIC WORKS.

*Dated November, 17th.*

*Recd.* *Encl.*

---

**G.O., 17th Nov. 1890, No. 3066 W.**

---

**NOVEMBER.**

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## New Cricket Pavilion on the Chepak Ground

Sanctioning the preparation of plans and estimates, and the execution by the Public Works Department of the proposed —, also a grant-in-aid of Rs. 2,000 towards the cost of its construction.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper:—

G.O., dated 23rd October 1890, No. 829, Revenue.

ABSTRACT.—Plans and estimates for enlarging and rendering secure the accommodation in the Madras Customs House for dutiable goods, approved and transferred to the Public Works Department.

ORDER—dated 18th November 1890, No. 3072 W., Public Works.

The estimate, amounting to Rs. 13,645, for constructing a shed for the wine yard at the Sea Customs House, Madras, is sanctioned.

2. A sum of Rs. 10,000 has been provided for the work in G.O., No. 1876 W., dated 9th July 1890.

3. This sanction has been registered as Provincial No. 77 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with six enclosures
,, Examiner, Public Works Accounts.
,, Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 18th.*

*Recd.* *Encl.*

---

**G.O., 18th Nov. 1890, No. 3072 W.**

---

## NOVEMBER.

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**Sea Customs House, Madras**

Estimate for construcing a shed for the wine yard at the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From the Executive Engineer, Tinnevelly Division, to the Superintending Engineer, VI Circle, dated 26th October 1890, No. 2301.

As promised in my No. 2217, dated 15th October 1890, I have the honor to forward a section of the artesian well boring at Tuticorin and to report as follows.

2. In G.O., No. 673 W., dated 3rd March 1890, sanction was accorded for a trial boring 130 feet deep at Tuticorin in search of a supply of fresh water which the town is so badly in need of. In his letter No. 1271, dated 18th March 1889, Mr. Bruce Foote, Superintendent of the Geological Survey of India, to the Chief Secretary to Government, said that as seen at the surface the geological features of the country, west of Tuticorin, were unfavorable to the successful execution of an artesian boring, but that such borings at Pondicherry, where somewhat similar geological conditions prevail, were so singularly successful that he recommended that a boring to a moderate depth should be undertaken.

3. The spot selected for the boring is close to the Tuticorin Railway station and where the ground is only 2 feet + M.S.L.

4. An agreement was made with Mr. A. P. deClosets for supervising and carrying on the boring, and after erecting, staging and arranging the boring apparatus Mr. deClosets commenced boring on the 8th May last. The boring was started with an 8-inch diameter pipe.

5. After going through some sand and sandy clay (*vide* section) loose kunker was met with at a depth of 17·50 feet and limestone at 18·50 feet.

6. The water found in stratum No. 5 grey sandy clay was brackish and the same as that in the neighbouring surface wells. After going through this, limestone, the boring was continued through grey sand and clay until at a depth of 53·00 feet limestone was again met with. This layer, only one foot thick, was bored through, and after going through 5 feet of grey clay, limestone was for the third time met with, at a depth of 59 feet. The stone brought to the surface from a depth of 62·0 feet was hard compact limestone of a reddish color. At this depth Mr. deClosets had considerable trouble from sand falling from the upper strata, and filling up the bore hole below the piping before he could get the piping down. Finally he abandoned attempting to sink the tubing below this point and continued the boring without piping. In his report, dated 30th September 1890, Mr. deClosets stated that if he came to another soft or loose stratum it would be necessary to continue the piping with a smaller sized pipe ($6\frac{1}{2}''$ diameter), but no such stratum has been met with, nor has any water bearing stratum been found below this. A layer of sand stone nearly 3 feet thick was met with at a depth of 74·62 feet, and below this layers of yellow and different colored clays and laterite were gone through until at a depth of 116·50 feet trap was met with and at a depth of 117·50 gneiss or granite. This was reached on the 10th instant. The sample of rock taken from this depth (sent herewith) has every appearance of being granite or primary rock and in this case it would be useless to continue the boring any further. The boring has been therefore stopped until further orders.

7. I have the honor to forward Mr. A. P. deClosets' letter, dated the 15th instant, for perusal. With reference to his last paragraph in which he asks for payment for 130 feet at the rate of Rs. 20 per foot, I have the honor to state that no contract has been made with Mr. deClosets for boring 130 feet, but a piece-work agreement was entered into for paying Rs. 20 per foot including piping for the depth bored. The boring has only been tubed to 62·00 feet and I have already authorized the Sub-division officer on a previous request of Mr. deClosets to pay at the rate of Rs. 10 per foot for the untubed portion. I have now informed Mr. deClosets that I have laid the matter before you.

8. In the event of the boring being abandoned all that Mr. deClosets is fairly entitled to for the untubed portion of the boring is the agreed rate, less a fair estimate of the cost of enlarging the hole for the tubing, screwing down and revetting the pipes together; and I think that Rs. 5 per foot is the least that we can allow for this. I would recommend therefore that a rate of Rs. 15 per foot be paid for the untubed portion of the boring.

9. I have the honor to request early orders regarding the continuance of the boring so that I may arrange for the custody or removal of the boring plant.

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No. 721 T.N.

Copy submitted with enclosures to the Chief Engineer, Public Works Department, for favor of orders.

TRICHINOPOLY,
30th October 1890.

(Signed) A. C. SMITH, Lt.-Col., R.E.,
Superintending Engineer, VI Circle.

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ORDER—dated 18th November 1890, No. 3078 W., Public Works.

The Government regrets to learn that the experimental boring for an artesian well at Tuticorin has proved a failure, and directs that the work be discontinued.

2. The proposals * of the Superintending Engineer for paying the contractor are considered fair, and Mr. deClosets' claims will be adjusted accordingly. Before the contractor's accounts are settled, he should draw the tubes, if possible, and hand over all the tools and plant lent to him, less a fair allowance for wear and tear.

* Rupees 20 per foot for the tubed portion, Rs. 15 per foot for the untubed bore hole.

3. The plant will be stored at Tuticorin for the present.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
„ Examiner, Public Works Accounts.
„ Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 18th.*

*Recd.* *Encl.*

**G.O., 18th Nov. 1890, No. 3078 W.**

**NOVEMBER.**

**Artesian well boring at Tuticorin**

Orders directing the discontinuance of the dxperimental —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following paper :—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, Marine Department, dated Madras, 28th October 1890, No. 367.

I have the honor to submit herewith, for the information of Government, the Engineer's report upon the progress made on the Madras Harbour Works during the quarter ending 30th September 1890, together with a plan in duplicate.

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ENCLOSURES.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras at a Meeting held at the Offices of the Board on Friday the 24th day of October 1890.

* * * * *

8. Read letter No. 873, dated 21st October, from the Board's Engineer, forwarding a statement showing the progress made on the Madras Harbour Works during the quarter ending 30th September with a plan.

Resolved,—that this report, with the accompanying plan, be submitted to Government.

* * * * *

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

*PROGRESS STATEMENT No. 9.*

## MADRAS HARBOUR WORKS.

STATEMENT showing progress during quarter ending September 1890 as shown on accompanying lithographed plan No. 8.

| No. of item. | NOTE.—The figures in *block* type denote for comparison progress and quantity of work done in quarter ending September 1889. | Sub-heads of work. | North Pier. Rubble base. | North Pier. Superstructure. | North Pier. Wavebreaker. | North Pier. Concrete capping. | North Pier. Base protection. | South Pier. Rubble base. | South Pier. Superstructure. | South Pier. Wavebreaker. | South Pier. Concrete capping. | South Pier. Base protection. | Palláváram quarries outturn. | Concrete block-making. | Railway lines at works. | Railway lines at quarries. | Railway lines, Sand line. | Railway lines, Beach improvements. | Protective works. | Total expenditure during third quarter ending 30th Sept. 1890. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Particulars and quantity of work, &c. | Column | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
| 1 | Rubble stone deposited from boats | Tons. | **1,031** 2,048 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2 | Do. do. from wagons | " | 1,100 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5,224¼ | .. |
| 3 | Total quantity rubble stone received on works | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | **1,901** 7,237½ | .. | .. | .. | .. | .. | .. | .. |
| 4 | Do. blasted chips do. | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | **12,530¼** 12,805½ | .. | .. | .. | .. | .. | .. | .. |
| 5 | Do. large stones do. | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 6 | Concrete blocks, set by divers | Number. | .. | **214** 350 | .. | .. | .. | .. | **180** 109 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 7 | Do. deposited in wavebreaker | " | .. | .. | **269** 84 | .. | .. | .. | .. | **108** 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 8 | Do. made for superstructure | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | **157** 374 | .. | .. | .. | .. | .. | .. |
| 9 | Do. do. wavebreaker | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | **433** 177 | .. | .. | .. | .. | .. | .. |
| 10 | Wrought-iron cramp fixed in position | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 11 | Total outturn of concrete | C. yds. | .. | .. | .. | .. | 153⅓ | .. | .. | .. | .. | 140 | .. | **9,881¼** 8,843 | .. | .. | .. | .. | .. | .. |
| 12 | Advance or progress of completed superstructure | Ry. ft. | .. | **130½** 218½ | .. | .. | .. | .. | **112½** 37¼ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 13 | Rubble base protected with concrete | " | .. | .. | .. | .. | 138 | .. | .. | .. | .. | 126 | .. | .. | .. | .. | .. | .. | .. | .. |
| 14 | Metre gauge, 40 lb. per yard laid new | " | .. | 1,240 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15 | Do. do. relaid or renewed | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 16 | Do. do. taken up | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 17 | Broad gauge, 50 lb. per yard laid new | " | .. | **492** 2,601 | .. | .. | .. | .. | **909** 236 | .. | .. | .. | .. | .. | **680** 5,386 | .. | .. | **1,380** 366 | .. | .. |
| 18 | Do. do. relaid or renewed | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 19 | Do. do. taken up | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 20 | Titan gauge, 75 lb. per yard laid new | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 21 | Do. do. relaid or renewed | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 22 | Do. do. taken up | " | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 23 | ........ | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 24 | Approximate expenditure under sub-heads of work | Rs. | 1,674 | 15,618 | 399 | .. | 1,501 | .. | 14,772 | 1,213 | .. | 1,508 | 32,229 | 100,939 | .. | .. | 7,473 | .. | .. | 1,77,326 |

| | | TONS | CWTS. | QRS. | LB. |
|---|---|---|---|---|---|
| 11,093 | casks of cement received on works during quarter ending September 1890 containing | 1,980 | 17 | 3 | 12 |
| 7,616½ | do. issued for do. do. " " do. | 1,360 | 2 | 2 | 15 |
| 21,632⅔ | do. balance in store at end of do. " " do. | 3,862 | 19 | 2 | 15 |

| *Quantity due on indents.* | TONS | CWTS. | QRS. | LB. |
|---|---|---|---|---|
| Dated 14th March 1890 | 1,113 | 7 | 3 | 12 |

MADRAS,
8th October 1890.

(Signed) A. L. POGSON,
Engineer, Harbour Trust Board.

Transferred to the Public Works Department.

31st October 1890.

(Signed) J. F. PRICE,
Chief Secretary.

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ORDER—dated 19th November 1890, No. 3085 W., Public Works.

The report will be forwarded to the Secretary of State for India.

2. The usual statement comparing expenditure with the sanctioned estimate is awaited.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board.
" Marine Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 19th.*

*Recd.* *Encl.*

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**G.O., 19th Nov. 1890, No. 3085 W,**

---

**NOVEMBER.**

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**Madras Harbour Works**

Progress report of the — for the quarter ending 30th September 1890, ordered to be forwarded to the Right Honorable the Secretary of State for India.

# PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

In continuation of our despatch No. $\frac{13}{2508 \text{ W.}}$, dated 19th September 1890, we have the honor to forward a copy of our Proceedings No. 3085 W., dated 18th November 1890, embodying a report of the progress of the Madras Harbour Works for the quarter ending 30th September 1890.

2. A plan showing the state of the works at the end of the quarter is also forwarded, and the usual comparative statement of expenditure will follow.

We have the honor to be,
My Lord,
Your Lordship's most obedient, humble servants,

(Signed) CONNEMARA.
( „ ) J. H. GARSTIN.
( „ ) J. GROSE.

(True Copy.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
19th November 1890.

# GOVT. OF MADRAS.

*PUBLIC WORKS DEPARTMENT.*

(Copy.)

LETTER to the Right Honorable the Secretary of State for India.

No. $\frac{14}{3085\ W.}$, dated 19th Nov. 1890.

Forwarding progress report of the — for quarter ending 30th September 1890, together with a plan showing the state of the works at the end of the quarter.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

READ—the following papers:—

From Colonel E. H. EYRE, Officiating Quarter Master General, to the Secretary to Government, Military Department, dated Ootacamund, 4th November 1890, No. 3113 B.

With reference to O.G., No. 2578, dated 12th April 1890, I am instructed by the Commander-in-Chief to submit, for the consideration of Government, the correspondence marginally noted regarding the insanitary condition of the drain outside Fort St. George and to express His Excellency's hope that some immediate steps may be taken in the matter so as to minimise the possibility of an outbreak of sickness among the troops quartered in the Fort.

Nos. 846 and 853, dated 30th and 31st October 1890, from General Officer Commanding Madras District.

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ENCLOSURES.

From Brigadier-General G. J. SMART, R.A., Commanding Madras District, to the Quarter Master General, Madras Army, dated Fort St. George, 30th October 1890, No. 846 G.

I have the honor to forward herewith a copy of letter No. 842-90 M., dated the 25th October 1890, from the Officer Commanding Wing, 1st Battalion, Duke of Cornwall's Light Infantry, complaining again about the stench arising from the municipal drain outside Fort St. George, and to request that the matter may be again brought to the notice of Government.

2. Government in its Order, No. 856 W., dated the 15th March 1890, Public Works Department (M.D. No. 2578, dated the 12th April 1890), decided that, in the event of any further complaints being made about this drain, that it should be extended to the sea by the Harbour Works; but so far nothing has been done, and it appears that the Harbour and Municipal authorities are differing as to the cause of the nuisance, the former putting it down to a leakage of No. 3 sewer. While I am unable to say anything about this, I am of opinion that it is a known fact that the main drain from Black Town empties a considerable portion of its contents on to the beach about 360 feet above the sea and just outside Fort St. George, where it forms a pool and gives out the most noxious exhalations. This pool is always more offensive and larger at the coming time of year, first, as Major LeQuesne points out, the wind sets directly over the pool and into the officers' quarters and mess room, and, I may also add, into the Secretariat buildings proposed to be converted into a Station Hospital; secondly, owing to heavy rain at this time of year, the sewers are unable to carry off the water which finds its way down the main drain and on to the beach carrying with it and being strongly impregnated with great quantities of sewage. The pool above alluded to, which is hidden from sight by the casuarina trees, has, I believe, been a good deal of the cause of the public feeling against the plantations, people having attributed the smell caused by the drain to the plantations having been used as latrines, which, from personal inspection, I do not believe to be the case to anything like the extent people suppose.

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From Major C. F. N. LEQUESNE, Officer Commanding Wing, 1st Battalion, the Duke of Cornwall's Light Infantry, to the Assistant Adjutant-General, dated Madras, 25th October 1890, No. 842-90.M.

I have the honor to report that there is a drain close outside Fort St. George on the north side which empties itself on to the beach.

2. The poisonous smell caused from this drain makes the officers' mess, Wing, 1st Battalion, Duke of Cornwall's Light Infantry, and all the buildings on the north side of Fort St. George unfit for habitation and unbearable.

3. This nuisance caused by this drain has been reported by me for two years past, and I believe that although some correspondence has taken place in consequence, nothing apparently has been done to relieve the inmates of Fort St. George of the discomfort they have been obliged to suffer.

4. It is at the present season of the year when the wind is blowing from the north-east that the Fort is subjected to this disgusting stench. The degree of which varies according to the strength of the wind.

5. I respectfully urge again that steps may be taken to have this evil remedied and that arrangements made that other quarters and mess be allotted to the officers so that they may no longer have to live in this unwholesome atmosphere.

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From Captain H. MULLALY, R.E., Executive Engineer, Madras Division, Military Works, to the Assistant Adjutant-General, dated Madras, 30th October 1890, No. 900 M.

I have the honor to bring to notice the offensive smells which are blown into the Fort from the large sewer which flows out on to the beach near the lighthouse.

At times during the past few days and nights the smell has been so objectionable that it has been necessary to keep the doors and windows of my quarters closed.

I report this matter as I think a continuance of these smells is likely to cause serious sickness in the Fort.

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No. 853 G.

True copy forwarded in continuation of my letter No. 846 G. of yesterday.

I have no doubt whatever in my own mind as to the source of the smell being the drain in question.

To leave the matter longer unnoticed, I consider is to risk the health of the inmates of the Fort. If the drain cannot at once be taken in hand, I beg to suggest that the Fort be vacated and the British troops placed under canvas at St. Thomas' Mount.

(Signed) G. J. SMART, R.A., Brigadier-General,
Commanding Madras District.

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No. 6911, Military.

Transferred to the Public Works Department with reference to O.G., No. 2483 W., dated 17th September 1890, with the request that immediate steps may be taken in view to remedying the evil complained of.

2. It is suggested that a special committee be convened at an early date to consider the matter.

FORT ST. GEORGE, (Signed) H. R. SHELLEY, Col.,
8th November 1890. *for* Secy. to Govt., Mily. Dept.

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ORDER—dated 19th November 1890, No. 3087 W., Public Works.

It appears clear from the papers above recorded that the contingency contemplated in para. 1 of G.O., No. 2483 W., dated 17th September 1890, has arisen, and that the seaward extension of the outfall sewer should be taken in hand at once by the Harbour Trust.

2. In the opinion of His Excellency the Governor in Council the appointment of a special committee to consider the matter is unnecessary, but the correspondence will be communicated to the Chairman, Madras Harbour Trust Board, who will be requested to take immediate steps to cut an outfall to the sea for the sewage which deposits on the beach, or to pump or bale it away. At the same time the permanent work of extending the main drain down into the sea at low water should be put in hand.

3. The Government considers the matter to be one of exceeding emergency and no delay should be allowed to occur in the execution of the necessary measures.

4. The Executive Engineer, Madras Division, Military Works, will be instructed in the Military Department, to report whether the drains within Fort St. George are in order, and whether care is taken to keep them free from fœcal matter.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board.
" Military Department.
" Marine Department.
" Local and Municipal Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 19th.*

*Recd.* *Encl.*

**G.O., 19th Nov. 1890, No. 3037 W.**

**NOVEMBER.**

**Municipal drain outside Fort St. George**

Orders on letter from the Quarter Master General forwarding correspondence regarding the insanitary condition of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 16th September 1890, No. 2839.

I have the honor to submit for early sanction a revised estimate (in the shape of comparative statement) of Rs. 12,782 for setting up steam machinery in the Government Press, Madras,* in lieu of the original estimate of Rs. 11,015 sanctioned in G.O., No. 2143 W., dated 9th August 1889.

* At the Old Mint.

2. The excess is due to various causes as explained in the statement.

3. The General Superintendent, Public Works Workshops, reports that the work is very nearly completed, and it is surmised that, by the end of the current month, all the Printing Presses will be worked by steam power.

From L. L. WICKHAM, Esq., General Superintendent, Public Works Workshops, to the Superintending Engineer, V Circle, dated Madras, 29th October 1890, No. 1977 W.

With reference to your endorsement No. 3169, dated 7th October 1890, I have the honor to resubmit herewith the "Revised" estimate for the setting up of the steam machinery in the Government Press duly corrected, agreeably to the Chief Engineer's memo. No. 3919 C., dated 29th September 1890.

2. The revised estimate as now submitted, viz., Rs. 17,042, exceeds the original estimate by Rs. 6,027.

The causes of this excess are—

| | RS. |
|---|---|
| Extra cost of engine and boiler imported from England ... ... | 2,450 |
| Do. other items of estimate for reasons given in the remarks column ... ... ... ... ... ... ... | 1,934 |
| Total ... | 4,384 |
| General charges, 10 per cent. ... ... ... ... ... ... | 438 |
| | 4,822 |
| Workshops additional charges, 25 per cent ... ... ... ... ... | 1,205 |
| Total excess as above ... | 6,027 |

3. The reason why in the revised estimate as submitted by Col. S. C. Clarke, R.E., the Workshops centage of 25 per cent. was altogether omitted, and the original provision therefore shown as a saving, is that Colonel S. C. Clarke, R.E., deemed it expedient *not* to enhance the *cost* of the work by debiting it with their book charges upon the view that it was a Public Works Department work being carried out by the Public Works Workshops.

4. Similarly Colonel S. C. Clarke, R.E., deemed it correct *not* to charge for general charges the usual percentage (10 per cent.) upon the cost of all the items of the estimate. Holding this view he provided on this account only Rs. 387, being 10 per cent. upon the cost of items 22 to 31 and the cost of the fittings of items 32 and 33, and showed the balance of the original provision for general charges as a saving.

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No. 3678.

Copy forwarded to the Chief Engineer, Public Works Department, for information with reference to his memo. No. 3919 C., dated 29th September 1890.

2. The estimate returned with the above memorandum is resubmitted for sanction.

(Signed) W. H. BURTON, Col., R.E.,
Superintending Engineer, V Circle.

6th November 1890.

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*Note by the Chief Engineer, Public Works Department.*

The excess expenditure in providing steam power to work the machinery in the Government Press amounts to Rs. 6,027 made up as follows:—

| | | RS. |
|---|---|---|
| (1) | 8 H. P. engine ... / 10 H. P. boiler ... | 2,450 |
| (2) | Workshop percentage ... | 1,643 |
| (3) | Extra work ... | 1,934 |

Item (1) was under-estimated, (3) is due to unavoidable differences between the work as estimated and actually carried out, (2) represents the increases in the percentages charged by the Workshop.

The price of the engine and boiler should have been ascertained with some accuracy before the estimate was framed, and at all events before the indent was sent to England.

It is extremely difficult to estimate for the remainder of work under consideration, and the explanation given in the comparative statement is considered satisfactory.

The Workshop percentages which amount altogether to Rs. 4,647 on the total estimate of Rs. 17,042 are merely a book transaction, and the Workshop is scarcely entitled to charge any percentage on the cost of the engine and boiler, except a small sum for agency; but in the present case the undersigned recommends that the revised estimate be sanctioned without alteration.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

15th November 1890.

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ORDER—dated 24th November 1890, No. 3123 W., Public Works.

The revised estimate, amounting to Rs. 17,042, for providing and setting up steam machinery in the Government Press, Madras, is sanctioned in supersession of the estimate of Rs. 11,015 sanctioned in G.O., No. 2143 W., dated 9th August 1889.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with one enclosure.
,, Examiner, Public Works Accounts.
,, Public Department.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 24th.*

*Recd.* *Encl.*

**G.O., 24th Nov. 1890, No. 3123 W.**

**NOVEMBER.**

**Government Press, Madras**

Revised estimate for providing and setting up the steam machinery in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 15th October 1890, No. 3314.

I have the honor to forward, for the sanction of Government, a revised estimate, amounting to Rs. 2,04,750, for constructing the bridge across the Gadilam river at New Town Cuddalore, the original estimate for which, amounting to Rs. 1,66,000, was sanctioned in G.O , No. 527 W., dated 16th February 1888.

2. I enclose a comparative statement accounting in detail for the various items of excess and savings over the original estimate, with usual explanation of difference, from which it will be seen that the cost of iron work sent out from England and erected on the work exceeds that provided in the original estimate by Rs. 32,789, this is due to Sir Alexander Rendel's design for the iron work having been substituted for Mr. Martin's (*vide* G.O., No. 3891, dated 11th December 1888) and is the chief cause of the original estimate having been now so largely exceeded.

The other principal items, on which the original estimate has been exceeded, are as follows :—On brick work Rs. 3,940, on laterite stone work Rs. 2,271, on tools and plant Rs. 2,000, on compensation for land Rs. 2,020, and on other sundry and minor items the excess is Rs. 6,040, against which, however, there are savings on various items, aggregating Rs. 10,310 ; so that the net excess is Rs. 38,750, for which I now request sanction.

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*Note by the Chief Engineer, Public Works Department.*

In G.O., No. 3891 W., of 11th December 1888, the Government accepted Sir A. Rendel's estimate for the iron work of the Gadilam bridge, and the increase in cost due to this, viz., Rs. 27,246, is a necessary consequence of the girders being heavier and slightly higher priced than those allowed in the original estimate of Rs. 1,66,000, sanctioned in G.O., No. 527 W., of 16th February 1888.

2. The following item was apparently omitted in the original estimate—painting Rs. 2,731—and the expenditure of Rs. 2,812 on the asphalte flooring of the bridge can scarcely be all put down to the change in design, unless the rate allowed for the girders in the original estimate provided for wooden flooring, which apparently it did not. The other items of excess and saving are from causes incidental to every large work and the undersigned recommends that the revised estimate of Rs. 2,04,750 be sanctioned, the greater part of the excess being due to the alterations in design sanctioned by Government.

(Signed) J. PENNYCUICK, Colonel, R.E ,
Chief Engineer, P.W.D.

14th November 1890.

ORDER—dated 24th November 1890, No. 3124 W., Public Works.

The revised estimate, amounting to Rs. 2,04,750, for constructing an iron girder bridge across the Gadilam river in the South Arcot district, is sanctioned in supersession of the estimate * of Rupees 1,66,000, sanctioned in G.O., No. 527 W., dated 16th February 1888.

* Registered as Provincial No. 137 W. of 1888-89 (*vide* G.O., No. 514 W., dated 20th February 1889).

2. This sanction has been registered as Provincial No. 78 W. of 1890-91 and classified as Communications, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with eight enclosures.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

UBLIC WORKS.

*Dated November, 24th.*

*Recd.* *Encl.*

**G.O., 24th Nov. 1890, No. 3124 W.**

**NOVEMBER.**

**Bridge**

Revised estimate for constructing an iron girder — across the Gadilam river, South Arcot district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From Lieut.-Colonel A. G. BEGBIE, R.E., Deputy Secretary to the Government of India, Public Works Department (Account—Civil Works), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 10th November 1890, No. 283 A.C.W.

With reference to your endorsement No. 2812 W., dated 23rd ultimo, and in continuation of Public Works Department letter No. 210 A.C.W., dated 18th August last, I am directed to communicate sanction to an additional allotment of Rs. 3,650, inclusive of establishment and tools and plant, to provide for repairs to Post offices and to the Salt factory bund at Voyalur.

2. With this addition the current year's grant for Imperial Civil works in Madras will stand at Rs. 32,142.

ORDER—dated 24th November 1890, No. 3128 W., Public Works.

Communicated to officers concerned with reference to paras. 9 and 10 of G.O., No. 193 C.W., dated 17th July 1890.

2. The allotment of Rs. 3,650 sanctioned by the Government of India will be distributed as follows :—

| | RS. |
|---|---|
| Ganjam division ... | 400 |
| Godávari Eastern division ... | 160 |
| Negapatam division ... | 150 |
| Madura do. ... | 300 |
| Tinnevelly do. ... | 300 |
| | 1,310 |
| Repairs to the Salt factory bund at Voyalur, Chingleput ... | 1,623 |
| | 2,933 |
| Establishment ... | 674 |
| Tools and plant ... | 43 |
| Total ... | 3,650 |

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" " V "
" " VI "
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 24th.*

*Recd.* *Encl.*

---

**G.O., 24th Nov. 1890, No. 3128 W.**

---

**NOVEMBER.**

---

**Funds**

The sanction accorded by the Government of India to an additional allotment to provide for repairs to Post offices and to the Salt factory bund at Voyalur, communicated to officers concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil and Military Works.**

Read—the following paper :—

From Major C. C. RAWSON, R.E., Executive Engineer, North Arcot Division, to the Superintending Engineer, V Circle, dated 30th May 1890, No. 123 S.E.

Referring to former correspondence and Government orders on the same subject, I have the honor to point out that the only military building at Ranipet left in charge of the Public Works Department is the canteen of the European barracks, No. 1-g of the printed list (Military buildings); it is valued in the books at Rs. 450. This building is perfectly useless. The Ranipet Taluk Board have taken over all the other unoccupied buildings belonging to the European barracks and as it does not appear to be worth while to keep up a watchman to look after the canteen building alone, I recommend that it be sold by auction and demolished.

2. Amongst the Provincial civil buildings at Ranipet there is a small building attached to the Commandant's quarters, called in our list "Old Post office," No. 1-g, Provincial buildings. Its book value is Rs. 500. It is in bad repair and the roof is falling in. The Ranipet Taluk Board have been making inquiries about a building for use as a traveller's bungalow.

3. I suggest that this building should be offered to them for use as a traveller's bungalow; if they decline to take it over, I recommend that it should be sold and demolished as the building is useless and in an unsafe condition unless the roof be repaired.

No. 3799.

Forwarded to the Chief Engineer, Public Works Department, with the recommendation that sanction be given to the demolition of—

(1) the canteen of the European barracks at Ranipet, and
(2) the building, known as the Old Post office at Ranipet.

2. The President, District Board, North Arcot, has since informed me that the Ranipet Taluk Board do not require the latter building.

(Signed) W. H. BURTON, Colonel, R.E.,
Superintending Engineer, V Circle.

15th November 1890.

Order—dated 25th November 1890, No. 3132 W., Public Works.

The demolition of the buildings is sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
CIVIL AND MILITARY WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

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**G.O., 25th Nov. 1890, No. 3132 W.**

---

**NOVEMBER.**

---

**Buildings at Ranipet, North Arcot District**

The demolition of certain —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

Read—the following paper :—

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Inspector-General of Registration, dated Bezváda, 28th August 1890, No. 1387 K.S.

With reference to your letter, G. No. 2064, of the 26th July 1889, printed in G.O., No. 2139 W., of the 9th August 1889, I have the honor to forward, herewith, for your approval, countersignature and transmission to Government for sanction, an estimate, amounting to Rs. 3,400, for constructing a Sub-Registrar's office at Avanigedda, prepared in accordance with the standard design, sanctioned in G.O., No. 2230 W., of the 21st July 1888.

2. As the revision of design referred to in G.O., No. 2177 W., of the 11th August 1890, refers to larger classes of Sub-Registrars' offices, the enclosed estimate is sent on for your approval on the supposition that this is a small class office.

---

No. 4683 T.

Submitted for the sanction of Government.

2. The office being a small one, a building constructed according to the standard design sanctioned in G.O., No. 2230 W., dated 21st July 1888, will meet requirements.

3. The necessity for the construction of this office was brought to the notice of Government in this office letter, dated 26th July 1889, G. No. 2064, embodied in G.O., dated 9th August 1889, No. 2139 W.

Ootacamund, (Signed) S. SRINIVASA RAGHAVAIYANGAR,
11th October 1890. Inspector-General of Registration.

To the Chief Secretary to Government.

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Approved and transferred to the Public Works Department.

(Signed) A. BUTTERWORTH,
Ag. Assistant Secretary.

13th November 1890.

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Order—dated 25th November 1890, No. 3133 W., Public Works.

The estimate, amounting to Rs. 3,400, for constructing a Sub-Registrar's office at Avanigedda in the Kistna district is sanctioned.

2. This sanction has been registered as Provincial No. 80 W. of 1890-91 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

---

**G.O., 25th Nov. 1890, No. 3133 W.**

---

**NOVEMBER.**

---

**Sub-Registrar's Office at Avanigedda, Kistna District**

Estimate for constructing a —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Buildings and Roads.**
**Civil Works.**

READ—the following papers :—

G.O., dated 29th October 1890, No. 1669, Judicial.

From the Registrar of the High Court of Judicature at Madras, Appellate Side, dated 11th September 1890, No. 2181.

I am directed to forward, for the sanction of Government, a revised estimate, with plans, &c., amounting to Rs. 7,200, for improvements to the District Munsif's court at Kásaragód in the South Canara district.

2. I am to state that the original estimate for Rs. 4,700 was sanctioned by Government in G.O., dated 14th August 1888, No. 2468 W. Subsequently some alterations were found necessary and the present revised estimate was accordingly prepared. The difference between the two estimates is Rs. 2,500, for which it is that sanction is now solicited.

3. The District Judge reports that the work is in progress.

---

*Order*—dated 29th October 1890, No. 1669, Judicial.

The revised estimate of Rs. 7,200 for the District Munsif's court at Kásaragód is approved and will be transferred with the plans to the Public Works Department.

(True Extract.)

(Signed) A. BUTTERWORTH,
Ag. Assistant Secretary.

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*Note by the Chief Engineer, Public Works Department, dated 21st November* 1890.

The arrangement proposed for supporting the roof between the columns in the court is not approved and should be altered in accordance with the following remarks :—

The trusses are unnecessary and would look most unsightly unless concealed by a ceiling and this would necessarily be too low to be satisfactory. A brestsummer, 9″ × 14″, would carry the roof safely, but if there is difficulty in getting a beam of this size a smaller section might be used as a "trussed" beam.

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ORDER—dated 25th November 1890, No. 3136 W., Public Works.

The revised estimate, amounting to Rs. 7,200, for improvements to the District Munsif's court at Kásaragód in the South Canara district, is sanctioned in supersession of the estimate of Rs. 4,700, sanctioned in G.O., No. 2468 W., dated 14th August 1888.

2. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

3. This sanction has been registered as Provincial No. 81 W. of 1890-91 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

---

**G.O., 25th Nov. 1890, No. 3136 W.**

---

**NOVEMBER.**

---

**District Munsif's Court at Kasaragod, South Canara District**

Revised estimate for improvements to the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**General.**
**Establishment.**

Read—the following papers:—

From the Executive Engineer, Tinnevelly Division, to the Superintending Engineer, VI Circle, dated 14th October 1890, No. 2181.

With reference to your docket No. 581 T.N., dated 17th September 1890, I have the honor to submit herewith a proposition statement for the temporary establishment required in connection with the Tank Restoration Scheme works.

2. The number of works sanctioned up to date is 41 and total of the estimates amount to Rs. 36,331. Supervisor Sergeant Slaney, who is single-handed, is in charge of these works in addition to other ordinary works in the Srívilliputur and Sátúr taluks, and he could not satisfactorily put in execution all the works sanctioned to date. The amount of estimates not yet put in hand is Rs. 22,145. I have therefore to request that you will be good enough to send me a temporary overseer on Rs. 80 and a clerk on Rs. 15 to assist the supervisor.

3. When these works are put in hand the work of checking bills, preparing returns, &c., in the Divisional office will increase, and I therefore request that an additional clerk on Rs. 20 may be sanctioned.

4. If the above establishment is sanctioned at an early date an additional allotment will be applied for in due course.

5. I have enclosed two proposition statements—one for five months during the current year, and the other for the year 1891-92.

No. 699 T.N.

Copy submitted to the Chief Engineer, Public Works Department, together with a proposition statement, for early sanction to the temporary establishment required for the current year.

2. It is absolutely necessary that the executive establishment of the Tinnevelly division should be strengthened in order that the Tank Restoration works may be proceeded with vigorously.

3. The number and amount of estimates already sanctioned for these works are considerable; the existing establishment cannot attend to the same as satisfactorily as it should, in addition to the ordinary works of the division. The temporary overseer applied for is therefore very much required this year and next year.

4. In the proposition statement, submitted in this office No. 1368 T.J. of the 8th October 1890, a clerk on Rs. 15 per month was applied for for the next year for the Division office; a clerk for the remainder of the current year is also necessary for that office, and a 2nd class draftsman on Rs. 40 per mensem is much needed as there is a large amount of work entailed in copying estimates and plans for the work sites both in the Tinnevelly and Madura divisions. It is also requested that the rate of pay for the clerk may be raised to Rs. 20 as proposed by the Executive Engineer for the next year.

5. As regards temporary clerks required for temporary overseers, no special sanction appears necessary, as these clerks and lascars can be entertained under the authority conveyed in G.O., No. 537 W., dated 16th February 1888.

6. A supplemental proposition statement for 1891-92 is also submitted herewith.

(Signed) A. C. SMITH, Lieut.-Colonel, R.E.,
Superintending Engineer, VI Circle.

22nd October 1890.

## Enclosure.

Statement of Proposition for Temporary Establishment required for the VI Circle during 1890-91 (1st November 1890 to 28th February 1891).

| Order sanctioning present establishment—Government of Madras, Public Works Department. | | Office to which the proposition refers. | Nature of change. | | | | | | | | | | | | Proposition. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Present scale. | | | | | | Proposed scale. | | | | | | Permanent. | | Temporary. | | | |
| | | | | | Pay. | | | | | | Pay. | | | | Increase per month. | Decrease per month. | Increase per month. | | Decrease per month. | |
| Number. | Date. | | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | No. | Designation. | Minimum. | Increment. | Maximum. | Average or fixed. | Amount. | Amount. | Period. | Amount. | Period. | Amount. |
| | | | | | RS. | RS. | RS. | RS. | | *Upper Subordinate Establishment.* | RS. | RS. | RS. | RS. | RS. | RS. | | RS. | | RS. |
| | | Tinnevelly division. | .. | .... | .. | .. | .. | .. | 1 | Overseer, temporary .. | .. | .. | .. | 80 | .. | .. | 4 | 320 | .. | .. |
| | | | | | | | | | | *Office Establishment.* | | | | | | | | | | |
| | | | | .... | .. | .. | .. | .. | 1 | Clerk for Division office .. | .. | .. | .. | 20 | .. | .. | 4 | 80 | .. | .. |
| | | | | .... | .. | .. | .. | .. | 1 | Clerk for Overseer .. | .. | .. | .. | 15 | .. | .. | 4 | 60 | .. | .. |
| | | Madura division. | .. | .... | .. | .. | .. | .. | 1 | Draftsman, 2nd class .. | .. | .. | .. | 40 | .. | .. | 3 | 120 | .. | .. |
| | | | | | | | | | | Total .. | .. | .. | .. | .. | .. | .. | .. | 580 | .. | .. |

The above establishment is much needed to meet the extra work entailed in carrying out the large number of Tank Restoration works that have been and are being sanctioned.

(Signed) A. C. SMITH, Lieut.-Colonel, R.E.,
Superintending Engineer, VI Circle.

Trichinopoly,
22nd October 1890.

Office note from the Chief Engineer for Irrigation, dated Madras, 13th November 1890, No. 1784 T.

[Chief Engineer, Public Works Department's No. 4431 C., dated 30th October 1890.]

The Superintending Engineer, VI Circle, having applied for an additional grant of Rs. 7,000 for Tank Restoration Scheme works in Tinnevelly division during the current year, it is very advisable that a temporary overseer should be appointed as soon as possible. In any case an extra overseer will be required from the commencement of next year, and it is recommended that he should be appointed at once.

2. The office establishment applied for in the Tinnevelly division is also considered necessary.

3. The Superintending Engineer's proposals with regard to the draftsman applied for are not very clear, but it is apparently proposed to employ a man in Madura until the end of the year, and then transfer him to Tinnevelly. If this is the case, the proposal of the Superintending Engineer is approved.

4. The three overseers applied for for Madura division in 1891-92 are the same number that are sanctioned for the current year and their services will still be required.

---

ORDER—dated 25th November 1890, No. 3137 W., Public Works.

Sanction is accorded to the employment of the following establishments :—

Tinnevelly Division.

| | RS. |
|---|---|
| 1 Overseer for four months on ... ... ... ... ... ... | 80 |
| 1 Clerk for four months on ... ... ... ... ... ... | 20 |
| 1 Do. do. ... ... ... ... ... ... | 15 |

Madura Division.

| | |
|---|---|
| 1 Draftsman for three months on ... ... ... ... ... ... | 40 |

2. The establishment required for 1891-92 will be included in the statement of temporary establishment for that year submitted by the Superintending Engineer, VI Circle, with his No. 1368 T.J., dated 8th October 1890.

3. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 70 W. of 1890-91, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
,, Examiner, Public Works Accounts.
,, Chief Engineer for Irrigation.

GENERAL.
ESTABLISHMENT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

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**G.O., 25th Nov. 1890, No. 3137 W.**

---

## NOVEMBER.

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**Temporary Establishment**

Certain — required in connection with Tank Restoration works in the Tinnevelly and Madura divisions, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following papers:—

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 28th August 1890, No. 1674.

I have the honor to submit, for the approval and sanction of Government, the following estimates for doing a portion of the work at the Government brickfields by steam power:—

*Tools and plant.*

| | RS. |
|---|---|
| (1) Supplying machinery and gear for grinding and pugging clay by steam power ... ... ... ... ... ... ... | 4,283 |

*Land and kilns.*

| | |
|---|---|
| (2) Constructing a shed with foundations for machinery for working by steam power ... ... ... ... ... ... ... | 4,317 |

2. At present the pugging of the clay is done by bullock power and the grinding by hand; the adoption of steam power for this work, I expect, will result in a saving in cost and more satisfactory work. The steam engine will be provided by the Public Works Workshops, where there is a suitable one available, the cost of which is not included in the estimate.

3. The period for the clearance of the debit of Rs. 4,317 to land and kiln charges to be fixed at ten years adjusted by monthly instalments of Rs. 36.

---

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 2nd October 1890, No. 2073.

In accordance with your memo. No. 3662 C., dated 8th September 1890, I have the honor to re-submit the plan and estimate for pugging machinery and the construction of a shed at the Government brickfields as follows:—

*Tools and plant.*

| | RS. |
|---|---|
| (1) Machinery for grinding clay including cost of a ten-horse-power engine and boiler and allowance for repairs, wear and tear ... | 8,139 |

*Land and kilns.*

| | |
|---|---|
| (2) Constructing a shed with foundations for machinery ... ... | 4,317 |

2. A comparative statement, showing the difference of cost between working by steam and manual labor, is also forwarded as directed. The outlay thus shown will probably be less by using machinery than by bullock and manual labor as at present; but I expect the outturn will be very considerably increased, so that the cost will be still further reduced.

From the Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 18th October 1890, No. 6243.

The estimate for "supplying machinery and gear for grinding and pugging clay by steam power" (Rs. 8,139) should under Code para. 1789, as modified by Standing Order, No. 576, of 21st December 1888, be charged to "land and kilns" and not to tools and plant. Proposals for the complete adjustment of this charge should also be submitted to Government by the Consulting Architect to Government (Code para. 1791-A-III).

---

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Madras, 1st November 1890, No. 2381.

The classification of estimate (Rs. 8,139) for grinding clay, including cost of a ten-horse-power engine and boiler, has now been altered as directed.

2. The total amount of the two estimates, viz., Rs. 12,456 (Rs. 8,139 + 4,317) that may be charged to land and kiln account will, I think, be cleared by an additional monthly credit of Rs. 104 in ten years. The total monthly credit will, when the present proposed monthly credit of Rs. 104 is sanctioned, be Rs. 248.

---

From the Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 13th November 1890, No. 6688.

The Consulting Architect's proposals for the adjustment of the charge may, I think, be accepted.

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Order—dated 25th November 1890, No. 3138 W., Public Works.

The estimates, aggregating Rs. 12,456 for pugging machinery and the construction of a shed at the Government brickfields, Madras, are sanctioned.

2. The proposals of the Consulting Architect for the adjustment of the charge are accepted.

3. This sanction has been registered as Provincial No. 79 W. of 1890-91 and classified as Stock "Land and Kilns."

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with six enclosures.
„ Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

---

**G.O., 25th Nov. 1890, No. 3138 W.**

---

**NOVEMBER.**

---

**Government Brickfields, Madras**

Estimates for pugging machinery and the construction of a shed at the — sanctioned and the proposals of the Consulting Architect for the adjustment of the charge, accepted.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

From the Director-General of the Post Office of India, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 29th July 1890, No. 463 C.

In reply to your endorsement No. 2856 W., dated 13th September 1888, and your subsequent reminders, I have the honor to say that, after fully considering the matter, I do not see my way to making a reduction in the present rates of money order commission for service money orders.

2. All Postmasters and Sub-Postmasters in the Madras Presidency have since November 1887 been authorised to accept cheques drawn on District Treasuries by Government officers, in their official capacities, in payment of any postal charges; and there will be no objection to any number of money orders prepared and issued at the same time by an Executive Engineer or any other officer, being paid for by a single cheque.

3. I regret the delay that has occurred in replying to your reference. It arose from the necessity of considering the matter in connection with certain references from the Government of India regarding the extent to which the Postal money order system might replace the system of Treasury transfer receipts.

Order—dated 25th November 1890, No. 3139 W., Public Works.

Recorded with reference to G.O., No. 2855 W., dated 13th September 1888.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
To Superintending Engineers.
To the Consulting Architect to Government.
,, Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

---

**G.O., 25th Nov. 1890, No. 3139 W.**

---

**NOVEMBER.**

---

### Money Order Commission for Service Money Orders

Letter from the Director-General of the Post Office of India declining, with remarks, to make any reduction in the present rates of —, recorded..

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Examiner of Public Works Accounts), dated Chepâk, 6th November 1890, No. 3688.

I have the honor to forward an indent on the Director-General of Stores in England for cast lead sheeting required by the Consulting Architect to Government for the Telegraph office at Madras.

ENCLOSURE.

REPORT to accompany the indent for cast lead sheeting for the roof of the Telegraph office at Madras.

The estimate for this work was submitted to Government with letter No. 2242, dated 18th October 1890. Funds have been provided in G.O., No. 2530 W., dated 24th September 1890, for expenditure during 1891-92. The lead is required here early next official year, hence the indent for the same is now submitted.

H. IRWIN,
Consulting Architect to Government.

27th October 1890.

Office-note from the Examiner of Public Works Accounts, dated Madras, 13th November 1890, No. 6696/153.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 3688, dated 6th November 1890, with an indent (No. 11 of 5th November 1890) for English stores for transmission to the Secretary of State, is forwarded for necessary action.

2. I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1891-92 will be provided by the Local Government to the extent of £244-13-10 in the estimate of the Public Works Department for that year.

ORDER—dated 25th November 1890, No. 3141 W., Public Works.

Ordered that the indent be forwarded to the Home Government for compliance.

(Here enter No. 3142 W., dated 25th November 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Consulting Architect to Government.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras.

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

---

**G.O., 25th Nov. 1890, No. 3141 W.**

---

**NOVEMBER.**

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**Indent**

Ordered that the — for cast lead sheeting required for the roof of the Telegraph office at Madras be forwarded to the Home Government for compliance.

# PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
*Secretary to the Government of Madras,*
*Public Works Department,*

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE, LONDON.

SIR,

I am directed to forward, for favor of compliance, an indent, in duplicate, for cast lead sheeting required for the roof of the Telegraph office at Madras.

2. The necessary certificate by the Examiner of Public Works Accounts is embodied in the Proceedings * of this Government forwarded herewith.

* No. 3141 W., dated 25th November 1890.

(Here enter No. 3143 W., dated 25th November 1890.)

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
25th November 1890.

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ENDORSEMENT—dated 25th November 1890, No. 3143 W , Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

# Govt. of {1890} Madras

## PUBLIC WORKS.

*Dated November, 25th.*

*Recd.* *Encl.*

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**25th Nov. 1890, Nos. 3142 W., 3143 W.**

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**NOVEMBER.**

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Forwarding, with copy of indent, copy of Proceedings forwarding to the Home Government an indent for cast lead sheeting required for the roof of the Telegraph office at Madras.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

# TABULAR STATEMENT OF MISCELLANEOUS PROCEEDINGS AND MATTERS OF ROUTINE,

### BUILDINGS AND ROADS,

### FOR THE MONTH OF NOVEMBER 1890.

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Iron safe for the office of the Principal Medical Store-keeper, Madras.*—Proceedings, Military Department, sanctioning the supply of an —, communicated to the Superintending Engineer, V Circle. | 1st Nov. 1890, No. 2885 W. | ...... |
| *Statement* of payments made in England on account of stores and freight, &c., in September 1890, communicated to the Superintending Engineer, V Circle, and the Examiner, Public Works Accounts. | 1st do. do. No. 2886 W. | 3rd Sept. 1890, No. 2374 W. 17th Oct. 1890, No. 2750 W. |
| *Repairs to ferry boats on the Kovur-Munjair junction canal.*—Proceedings, Revenue Department, requesting the Financial Department to place Rs. 50 at the disposal of the Public Works Department for —, recorded. | 1st do. do. No. 2887 W. | 17th Sept. 1890, No. 2486 W. |
| *Six months' estimate of the Public Works Department, Buildings and Roads Branch, for* 1890-91.—The —, forwarded to the Government of India. | 1st do. do. No. 2888 W. | 24th Oct. 1890, No. 4342 C. |
| *Statement showing establishment disallowance items.*—The — outstanding in the accounts for July 1890, communicated to officers concerned. | 1st do. do. No. 2889 W. | 21st Oct. 1890, No. 2797 W. 20th Sept. 1890, No. 2514 W. 12th Aug. 1890, No. 2191 W 1st Aug. 1890, No. 2088 W. |
| *Presidency Port office.*—Proceedings, Financial Department, placing Rs. 76 at the disposal of the Public Works Department for carrying out certain improvements to the —, communicated to the Consulting Architect to Government and the Examiner, Public Works Accounts. | 1st do. do. No. 2890 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Sub-Registrar's office at Sattiyavedu, Chingleput district.*—Proceedings in the Judicial Department approving of proposal to construct a new building on the standard design for the —, communicated to the Superintending Engineer, V Circle, for submission of the requisite estimate. | 1st Nov. 1890, No. 2891 W. | ...... |
| *Stabling in the Chepâk compound.*—The provision of — for certain officers, sanctioned, and the provision of such accommodation for clerks of the Public Works offices at Chepâk, refused. | 3rd do. do. No. 2897 W. | 2nd Nov. 1886, No. 2870 W. |
| *A. Sumbanda Moodelly, late temporary Storekeeper, Consulting Architect's division.*—Orders on appeal of — against his dismissal. | 3rd do. do. No. 2898 W. | ...... |
| *Funds.*—Approval of the Government of India to the proposed distribution of Rs. 4,000 set apart for minor works at stations in charge of the Public Works Department, communicated to the Military Department. | 3rd do. do. No. 2899 W. | 1st Oct. 1890, Nos. 2587-88 W. |
| *Apparatus for testing lightning conductors, Trichinopoly division.*—Estimate of Rs. 683 for purchasing three sets of —, sanctioned. | 3rd do. do. No. 2900 W. | 6th Feb. 1886, No. 324 W. 2nd Sept. 1889, No. 3916 C. 5th Feb. 1890, No. 608 C. |
| *Blue endorsing ink.*—The purchase of one bottle of — by the Superintending Engineer, V Circle, sanctioned. | 3rd do. do. No. 2901 W. | ...... |
| *Government building at Karunguli.*—The rent for the — to be charged at Rs. 2-8-0, sanctioned. | 3rd do. do. No. 2902 W. | ...... |
| *S. Rungiah Naidu, clerk, Dumagudiem Sub-division.*—The charge of Rs. 1-8-0 as rent for the building occupied by —, sanctioned. | 3rd do. do. No. 2903 W. | 22nd Sept. 1888, No. 2981 W. 25th June 1889, No. 1668 W. |
| *Thalavasal bridge, Salem district.*—The Local and Municipal Department requested to direct the Accountant-General to place at the disposal of this department funds for the completion of the —. | 3rd do. do. No. 2904 W. | 6th May 1890, No. 1280 W. 10th July 1888, No. 400 I. 15th Oct. 1890, No. 2717 W. 2nd Oct. 1890, No. 2592 W. 31st July 1890, No. 2075 W. 18th Sept. 1890, No. 2495 W. |
| *Vouchers.*—Office note from the Examiner acknowledging receipt of certain — from the Superintending Engineer, V Circle, recorded. | 3rd do. do. No. 2905 W. | 24th Oct. 1890, No. 4324 C. 19th July 1890, No. 1971 W. 17th Mar. 1890, No. 874 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Repairs to Government vessels.*—Endorsement of the Government of India calling for a reply to letter requesting submission of the annual return showing — executed by private parties in 1889-90, recorded with reference to No. 2863 W., dated 28th October 1890. | 3rd Nov. 1890, No. 2906 W. | ...... |
| *Masnigudi tank supply scheme.*—Proceedings, Local and Municipal Department, recording Proceedings of the Sanitary Board regarding the — in the Nílgiri district, and directing certain modification of the rules for the guidance of the Sanitary Board recorded in continuation of G.O., No. 2400 W., dated 5th September 1890. | 3rd do. do. No. 2907 W. | ...... |
| *New Law Courts, Madras.*—Minute by the Honorable Mr. Garstin, C.S.I., on the —, communicated to the Consulting Architect to Government. | 3rd do. do. No. 2908 W. | 17th Sept. 1890, No. 2489 W. |
| *Travelling allowance to temporary employés, &c., on first appointment*—Paragraph 4, appendix N, Public Works Code, regarding grant of —, ordered to be expunged from the Code. | 3rd do. do. No. 2909 W. | 29th July 1890, Nos. 1077-78 R. |
| *Colonel Ross-Thompson, R.E.*—Regarding previous orders on the subject of the continued employment of — in the Public Works Department (*confidential*). | 3rd do. do. No. 2910 W. | ...... |
| *Report on native newspapers* for fortnight ending 15th October 1890, recorded. | 4th do. do. No. 2914 W. | ...... |
| *Mr. J. W. Walsh, Supervisor, employed on special duty at Kumbakónam*—Proceedings, Local and Municipal Department, replacing the services of — at the disposal of the Public Works Department, communicated to the Superintending Engineer, VI Circle, with remarks. | 4th do. do. No. 2915 W. | 27th June 1889, No. 1695 W.<br>9th Aug. 1889, No. 652 D.<br>13th Aug. 1889, No. 681 D.<br>24th Jan. 1890, No. 247 W.<br>6th Mar. 1890, No. 731 W.<br>20th Mar. 1890, No. 1523 C.<br>22nd April 1890, No. 36 D.<br>1st May 1890, No. 67 D.<br>29th May 1890, No. 1513 W.<br>3rd July 1890, No. 1815 W.<br>23rd July 1890, No. 2022 W. |
| *Residence for the Head Assistant Collector at Nandyál.*—Letter from the Superintending Engineer, III Circle, reporting that an estimate for the — was prepared and sent to the Collector of Kurnool, recorded. | 4th do. do. No. 2916 W. | 29th Oct. 1890, No. 4411 C.<br>5th Mar. 1890, No. 702 W.<br>15th Jan. 1890, No. 108 W.<br>2nd April 1889, No. 1693 C.<br>1st Feb. 1889, No. 274 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*). 17th July 1888, No. 2169 W. 21st July 1887, No. 2440 C. 17th Dec. 1886, Nos. 3332-33 W. |
| *New taluk office at Udayárpálaiyam, Trichinopoly district.*—Proceedings, Revenue Department, agreeing with the Board that a — is required and that orders will issue in Public Works Department for the submission of the requisite plans and estimates, communicated to the Superintending Engineer, VI Circle, with instructions. | 4th Nov. 1890, No. 2917 W. | 23rd Oct. 1890, No. 4306 C. 21st July 1888, No. 2230 W. 24th Sept. 1890, No. 2534 W. |
| *Estate works, Ganjam division.*—Letter from the Superintending Engineer, I Circle, stating that certain surrenders already made from the grants for — were approved by Government and promising better results in future progress reports, communicated to the Revenue Department. | 4th do. do. No. 2918 W. | 20th Aug. 1890, No. 2255 W. 3rd Oct. 1890, No. 2595 W. |
| *Military works in charge of the Public Works Department.*—Letter from the Director-General of Military Works reporting that he has no reserve for repairs to —, communicated to the Military Department. | 4th do. do. No. 2919 W. | 17th July 1890, No. 1936 W. 29th Sept. 1890, No. 2559 W. |
| *Suit.*—Further report from the Superintending Engineer, VI Circle, regarding result of a — filed by Lutchmana Servi, contractor, Sellar culvert, awaited. | 4th do. do. No. 2920 W. | 24th Oct. 1890, No. 2827 W. 16th Oct 1890, No. 4203 C. |
| *J. Dongrojee Row.*—Sanctioning an increment to the pay of —, clerk, in the late Nílgiri division office and now transferred to the Military Works Department. | 4th do. do. No. 2921 W. | ...... |
| *Mr. W. Jopp.*—Ordered that the statement of arrears of furlough allowance at 2 shillings the rupee claimed by —, be forwarded to the Government of India. | 4th do. do. No. 2922 W. | ...... |
| Forwarded ... ... ... ... ... | 4th do. do. No. 2923 W. | ...... |
| *Flagstaff at Cannanore.*—Proceedings in the Financial Department directing the Accountant-General to place funds at the disposal of the Public Works Department on account of repairs to the —, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts. | 4th do. do. No. 2924 W. | ...... |
| *Taluk office at Márkápur, Kurnool district.*—Funds allotted from the reserve for constructing a —. | 4th do. do. No. 2925 W. | 26th Sept. 1890, No. 2551 W. |
| *District Munsif's Court at Amalápuram, Godávari district.*—Funds surrendered from the grant for constructing a — resumed and credited to the reserve with Government. | 4th do. do. No. 2926 W. | ...... |
| *Vadlamudi quarries.*—Estimate for the manufacture of stone at the — during 1890-91, sanctioned. | 5th do. do. No. 2928 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Correspondence.*—Government Order No. 1367 W., dated 22nd May 1890, regarding repairs to Govment buildings, ordered to be communicated to the Revenue Department. | 5th Nov. 1890, No. 2929 W. | 22nd Sept. 1888, No. 2981 W. |
| *Lighthouses.*—From the Superintending Engineer, I Circle, proposing to expend Rs. 200 under Excluded Local Repairs for certain works connected with —, communicated to the Financial Department and the Examiner, Public Works Accounts. | 5th do. do. No. 2930 W. | 10th Oct. 1890, No. 2668 W. |
| *M.R.Ry. T. Subrahmanya Pillay, Rai Bahadur, Honorary Assistant Engineer.*—Orders on the claim of — to be placed before a Medical Board before retirement. | 5th do. do. No. 2931 W. | 25th Sept. 1889, No. 2676 W.<br>24th Aug. 1887, No. 2279 W.<br>23rd May 1889, No. 1395 W.<br>17th Mar. 1890, No. 1453 C.<br>21st Aug. 1890, No. 661 D.<br>1st Sept. 1890, No. 722 D.<br>6th Sept. 1890, No. 760 D.<br>19th Sept. 1890, No. 3810 C. |
| *Telephone apparatus in the old Police station on Triplicane High Road.*—Letter from the Superintendent, Government Telegraph Department, Madras division, reporting date of removal of the — and requesting acceptance of the usual charge for alteration, communicated to the Judicial Department. | 5th do. do. No. 2932 W. | 12th April 1890, No. 1097 W. |
| *Colonel Ross-Thompson, R.E.*—Correspondence regarding the future position and prospects in the Public Works Department of —, recorded. | 5th do. do. No. 2933 W. | ...... |
| *Mr. H. E. Clerk, Executive Engineer.*—Memorial from — regarding slowness of promotion to Civil Engineers owing to Military officers not being transferred to the Military Works Department, ordered to be forwarded to the Government of India. | 5th do. do. No. 2934 W. | 10th May 1890, No. 1321 W.<br>9th Oct. 1890, Nos. 2655-56 W.<br>15th Oct. 1890, No. 2721 W. |
| Forwarded ... ... ... ... ... | 5th do. do. No. 2935 W. | ...... |
| *Muhammad Quasim, late delta lascar, Kistna district.*—Proceedings in the Pension Department granting an invalid pension to —, recorded. | 5th do. do. No. 2936 W. | ...... |
| *Sir Savalai Ramaswami Mudaliar's choultry.*—Proceedings in the Revenue Department regarding removal of certain walls round — and the construction of an ornamental wall to harmonize with that which is now being erected in front of Victoria Hall, communicated to the Consulting Architect to Government for attention. | 5th do. do. No. 2937 W. | 22nd Jan. 1889, No. 323 C.<br>29th Nov. 1888, No. 3777 W.<br>4th Feb. 1889, Nos. 536-37 C.<br>12th Mar. 1889, No. 741 W.<br>3rd June 1889, No. 2608 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*). 23rd Sept. 1889, No. 2661 W. 12th April 1890, No. 1095 W. 6th June 1890, No. 1569 W. 21st Oct. 1890, No 2804 W. 21st Oct. 1890, No. 4299 C. |
| *Suit by contractor Ramanatha Pillay.*—The charges paid by the Government Pleader for obtaining copies of judgment in the —, ordered to be met from "Contingencies." | 6th Nov. 1890, No. 2938 W. | 22nd April 1887, No. 1105 W. 29th Mar. 1887, No. 1224 C. 9th Mar. 1887, No. 872 C. 24th Jan. 1887, No. 205 C. 29th Nov. 1886, No. 4220 C. 15th Jan. 1887, No. 157 C. 11th Nov. 1886, No. 3953 C. 2nd Feb. 1888, No. 388 W. |
| *Maintenance of military works at Ootacamund.*—Letter from the Government of India stating that no money could be given under Imperial Military Repairs for the —, communicated to the Superintending Engineer, IV Circle. | 6th do. do. No. 2939 W. | ...... |
| *Lascar J. Munisamy.*—Letter from the Superintending Engineer, V Circle, reporting the transfer of — to Dasi tank in Arcot, recorded. | 6th do. do. No. 2940 W. | 15th Sept. 1890, No. 2467 W. |
| *Mr. F. W. Ashpitel, Assistant Engineer.*—Memorial from — regarding damage of prospects of promotion to Civil Engineers due to recent appointment by the Government of India of Military officers of other Presidencies to the Military Works Department, ordered to be forwarded to the Government of India. | 6th do. do. No. 2941 W. | ...... |
| Forwarded ... ... ... ... ... | 6th do. do. No. 2942 W. | ...... |
| *Accommodation for caste patients in the Presidency hospitals.*—Proceedings in the Public Department regarding early submission of plans and estimates for permanent wards required for the Government Ophthalmic and Lying-in hospitals and for temporary accommodation for the Women and Children's hospital, communicated to the Consulting Architect to Government. | 6th do. do. No. 2943 W. | ...... |
| *Distribution of the grant allotted for minor works.*—Proceedings, Military Department, communicating letter from the Quartermaster-General regarding — at certain military stations under the control of the Public Works Department, recorded. | 7th do. do. No. 2944 W. | 1st Oct. 1890, No. 2587 W. 3rd Nov 1890, No. 2899 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Ootacamund-Gúdalúr road.*—Proceedings in the Financial Department stating that the sum surrendered out of the Public Works grant to the Coimbatore division will not be required for the — and placing Provincial funds at the disposal of the District Board for maintenance of the road, recorded. | 7th Nov. 1890, No. 2945 W. | 12th May 1884, No. $\frac{1203\ W.}{A}$<br>30th May 1884, No. 210 E.<br>12th Aug. 1890, No. 2188 W.<br>15th Oct. 1890, No. 2723 W.<br>9th Oct. 1890, No. 4039 C. |
| *Rate list, class A.*—Letter from the Director-General of Railways forwarding, with instructions, copies of — for iron bridge work for 1889, communicated to officers concerned. | 7th do. do. No. 2947 W. | ...... |
| *Jetty at Porto Novo.*—Proceedings in the Marine Department directing the Accountant-General to place at the disposal of the Public Works Department, funds for constructing two additional wings to the — and for repairing the existing wharf, communicated to the Superintending Engineer, V Circle, and the Examiner, Public Works Accounts. | 7th do. do. No. 2948 W. | 14th Oct. 1890, No. 2691 W. |
| *T. Vencataratnam, temporary overseer's clerk, Rushikulya division.*—Proceedings, Educational Department, sanctioning the employment of — with effect from 25th August 1890, communicated to the Superintending Engineer, I Circle. | 7th do. do. No. 2949 W. | ...... |
| *Funds.*—Application to the Government of India, Military Department, for a reappropriation of budget grant on account of surrender of Rs. 10,000 from the grant for the new barracks at Calicut. | 7th do. do. No. 2951 W. | ...... |
| *New cutcherries for the Deputy Tahsildars at Berhampore and Avanigedda.*—Proceedings in the Revenue Department approving and sanctioning the construction of — and stating that the question of collecting the requisite materials pending revision of the standard design for Deputy Tahsildar's offices will be considered in Public Works Department, communicated to Superintending Engineers, I and II Circles, with instructions. | 7th do. do. No. 2952 W. | 24th July 1889, No. 1999 W.<br>28th May 1889, No. 1409 W.<br>16th Aug. 1889, No. 2239 W.<br>3rd June 1887, No. 1495 W.<br>15th June 1887, No. 1602 W.<br>16th Dec. 1885, No. 3023 W.<br>3rd May 1877, No. 14 W.<br>19th April 1890, No. 1167 W.<br>24th Oct. 1890, No. 2821 W. |
| *Mr. Arthur McMorragh Kavanagh.*—The Government of India informed that the name of — cannot be traced in the records of this office during, or at any time during, the years 1848—51. | 7th do. do. No. 2953 W. | ...... |
| *Inspection report of the North Arcot division.*—Explanation of the Executive Engineer, North Arcot division, on the points noticed by the Examiner in his —, recorded. | 7th do. do. No. 2954 W. | 6th Dec. 1889, No. 3473 W.<br>16th Nov. 1887, No. 3085 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*). 3rd Mar. 1888, No. 732 W. 16th June 1888, No. 2265 C. 17th July 1888, No. 2176 W. 15th Aug. 1889, No. 3686 C. 10th Oct. 1889, No. 2830 W. 26th Nov. 1889, No. 5499 C. 13th Sept. 1888, Nos. 2855-56 W. 28th Jan. 1890, No. 280 W. 19th May 1890, No. 2197 C. 14th July 1890, No. 1891 W. 23rd Aug. 1890, No. 3493 C. |
| *Budget estimates.*—Proceedings in the Financial Department reviewing the — of the Registration Department and of the Registrar of Joint Stock Companies for 1891-92, recorded. | 8th Nov. 1890, No. 2955 W. | 29th Oct. 1889, No. 3059 W. |
| *G. Pauliah Reddy.*—Proceedings in the Educational Department sanctioning the employment of — as an acting central sub-divisional clerk in the Kurnool division for three months, communicated to the Superintending Engineer, III Circle. | 8th do. do. No. 2961 W. | ...... |
| *Inspection report of the Kistna Western division office.*—Explanation of the Executive Engineer on the points noticed by the Deputy Examiner in his —, recorded. | 8th do. do. No. 2962 W. | 14th Jan. 1889, No. 80 W. 27th Sept. 1889, No. 4335 C. 22nd April 1890, No. 1184 W. 16th May 1890, No. 1382 W. 23rd July 1890, No. 2006 W. |
| *Colonel H. M. Vibart, R.E.*—Telegram from the Government of India sanctioning special leave to — on certain conditions, communicated to that officer. | 8th do. do. No. 2963 W. | 18th Oct. 1890, No. 4253 C. 22nd Sept. 1890, No. 2519 W. 5th May 1890, No. 1274 W. 6th Jan. 1890, Nos. 6-7 W. 19th Sept. 1889, No. 2597 W. 26th Aug. 1889, No. 2353 W. 10th July 1889, Nos. 1834-35 W. 15th April 1889, No. 56 D. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*).<br>25th Mar. 1889, No 888 W.<br>16th Feb. 1889, Nos. 457-58 W.<br>19th Oct. 1888, No. 3322 W.<br>28th Sept. 1888, No. 3680 C.<br>24th Sept 1888, No. 3613 C.<br>19th Sept. 1888, No. 691 D.<br>13th Mar. 1888, No. 834 W.<br>22nd Oct. 1887, No. 2841 W. |
| *Mr. Smyth, Assistant Engineer.*—Memorial from — praying that the Madras Military Works may be so far recruited from among officers of the Madras Public Works Department, that promotion in the latter may not suffer in the future, ordered to be forwarded to the Government of India. | 8th Nov. 1890, No. 2964 W. | ...... |
| Forwarded ... ... ... ... ... | 8th do. do. No. 2965 W. | ...... |
| *Advances of pay to Royal Engineer officers.*—The Government of India asked to state whether — of the Public Works Department proceeding to England to join the School of Military Engineering at Chatham or returning to India after completing the Chatham course, are admissible, and if so, on what scale. | 8th do. do. No. 2966 W. | 11th Oct. 1884, No. 2511 W.<br>21st Dec. 1884, No. 3146 W.<br>21st Aug. 1888, No. 2582 W.<br>19th Sept. 1888, No. 2953 W.<br>24th Sept. 1888, No. 3003 W.<br>2nd Nov. 1888, No. 3477 W.<br>11th Nov. 1889, No. 5213 C.<br>20th Nov. 1889, No. 5397 C.<br>22nd Jan. 1890, No. 424 C.<br>7th Feb. 1890, No. 654 C.<br>7th Feb. 1890, No. 666 C.<br>11th Feb. 1890, No. 768 C.<br>15th Feb. 1890, No. 875 C.<br>21st Feb. 1890, No. 939 C.<br>25th Feb. 1890, No. 1013 C.<br>5th April 1890, No. 1153 W.<br>9th May 1889, No. 1224 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Funds.*—Letter from the Superintending Engineer, IV Circle, regarding grant required for Repairs Communication for 1890-91 by the Executive Engineer, West Coast division, recorded. | 8th Nov. 1890, No. 2967 W. | ...... |
| *General hospital, Madras.*—Note by the Honorable Mr. J. H. Garstin, C.S.I., regarding provision of additional accommodation required for the — and what should be done regarding proposed additions to the dead-house and out-patients' wards, communicated to the Consulting Architect to Government, for early submission of the requisite plans and estimates. | 11th do. do. No. 2969 W. | 18th Oct. 1890, No. 2762 W. |
| *Indian State Railways.*—Rate list, class C. Workshop, machinery and heavy tools for 1889, communicated to officers of the Public Works Department. | 11th do. do. No. 2975 W. | ..... |
| *Taluk office at Wandivash.*—Proceedings in the Revenue Department, approving the construction of a — and stating that the question of collecting materials, pending the revision of the standard design, will be considered in Public Works Department, communicated to the Superintending Engineer, V Circle, with instructions. | 11th do. do. No. 2976 W. | 28th May 1889, No. 1409 W. 13th Sept. 1890, No. 2454 W. 16th Sept. 1890, No. 2478 W. 10th April 1889, No 1002 W. 11th Mar. 1889, No. 734 W. 1st Aug. 1890, No. 2090 W. 18th Aug. 1890, No. 2246 W. |
| *Taluk cutcherry at Ellore.*—Proceedings in the Revenue Department, approving the construction of a new —, and stating that the question of collecting materials, pending the revision of the standard design, will be considered in Public Works Department, communicated to the Superintending Engineer, I Circle, with instructions. | 11th do. do. No. 2977 W. | 3rd June 1887, No. 1495 W. 14th Jan. 1890, No. 91 W. |
| *Stores.*—Bi-monthly return of — under provision by the Director-General of Stores for India up to 30th September 1890, communicated to officers concerned, and copy forwarded to Government of India for information. | 11th do. do. No. 2978 W. | 12th Sept 1890, No. 2443 W. |
| Forwarded ... ... ... ... ... | 11th do. do. No. 2979 W. | ..... |
| *Messrs. Martin, Hughes and Norfor, Executive Engineers.*—Investing — with certain increased powers of sanction. | 11th do. do. No. 2980 W. | 24th April 1890, No. 1222 W. 16th May 1890, No. 1367 W. 21st Dec. 1889, No. 3643 W. 18th Dec. 1889, No. 3600 W. 11th Nov. 1889, No. 3198 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Church at Kurnool.*—Letter from the Venerable the Archdeacon of Madras requesting sanction for a new bell for the —, communicated to the Superintending Engineer, III Circle, for submission of an estimate. | 11th Nov. 1890, No. 2981 W. | 2nd Feb. 1877, No. 341. 18th Feb. 1878, No. 802 W. 31st July 1890, No. 3052 W. |
| *Wharf crane near the Commercial shed, Vizagapatam.*—Funds sanctioned by the Financial Department for constructing foundation for a —, resumed and replaced at the disposal of that department. | 11th do. do. No. 2982 W. | 20th June 1890, No. 1728 W. |
| *Deputy Collector's cutcherry at Adóni, Bellary district.*—Proceedings in Financial Department, regarding the revised estimate of Rs. 622 for certain improvements to the —, communicated to the Superintending Engineer, III Circle, with instructions. | 11th do. do. No. 2983 W. | ...... |
| *Famine tools.*—The sale by auction of certain — belonging to the stock of the Cuddapah division, sanctioned. | 11th do. do. No. 2984 W. | 5th June 1890, No. 1552 W. |
| *A. Nagalinga Moodely, head clerk, South Arcot division office.*—Permitted to draw full pay for, and to count as service towards pension, the period from the date of the medical certificate, declaring him unfit for further duty, up to the date of his relief. | 11th do. do. No. 2985 W. | ...... |
| *P. Veyasa Row.*—Sanctioning an increment to the pay of —, clerk in the late Nilgiri division office and now transferred to the Military Works Department. | 11th do. do. No. 2986 W. | 4th Nov. 1890, No. 2921 W. |
| *Indent.*—Proceedings in the Financial Department, recording a despatch from the Secretary of State, sanctioning compliance with the — for stores for the Public Works Workshops, communicated to the Superintending Engineer, V Circle. | 11th do. do. No. 2987 W. | 26th June 1890, Nos. 1768-69-70 W. |
| *Temporary establishment, Consulting Architect division.*—The entertainment of certain —, sanctioned with remarks. | 11th do. do. No. 2988 W. | 9th Feb. 1889, No. 350 W. 28th Mar. 1890, No. 999 W. 5th Mar. 1890, No. 1195 C. 21st May 1890, No. 2354 C. 5th July 1890, No. 1849 W. 18th Oct. 1890, No. 2762 W. 23rd April 1888, No. 1196 W. |
| *Head-quarters.*—Proceedings in the Revenue Department, granting sanction to the Head Assistant Collector's — being removed to Bellary until a house is built for him at Hospet, communicated to the Superintending Engineer, III Circle, who is directed to resubmit the plans and estimates for improvements to the Head Assistant Collector's residence at Hospet. | 11th do. do. No. 2989 W. | 6th July 1882, No. 1696 W. 28th Sept. 1882, No. 2541 W. 22nd May 1889, No. 1367 W. 31st Oct. 1889, Nos. 3376-77 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued*).<br>27th Nov. 1888, No. 3741 W.<br>30th Jan. 1889, No. 248 W.<br>22nd Sept. 1888, No. 2981 W.<br>5th Feb. 1889, No. 320 W.<br>11th Feb. 1889, No. 381 W.<br>12th Mar. 1890, No. 1351 C.<br>14th April 1890, No. 17 D.<br>11th June 1890, No. 274 D.<br>4th July 1890, No. 2910 C. |
| *Abdul Latif Sahib, supervisor.*—Papers regarding attestation of the service book of — recorded. | 11th Nov. 1890, No. 2991 W. | 30th Mar. 1881, No. 836 C.<br>9th Aug. 1886, No. 2728 C.<br>8th Sept. 1886, No. 2254 W.<br>20th Aug. 1888, No. 2566 W.<br>29th Jan. 1889, No. 438 C.<br>16th Mar. 1889, No. 805 W.<br>30th July 1889, No. 3439 C.<br>8th June 1889, No. 1523 W.<br>10th July 1890, No. 391 D.<br>20th June 1890, No. 1724 W.<br>5th Aug. 1890, No. 2122 W.<br>10th Sept. 1890, No. 3693 C.<br>14th Aug. 1890, No. 2215 W.<br>19th Sept. 1890, No. 3802 C.<br>1st Oct. 1890, No. 3938 C.<br>16th Oct. 1890, No. 2731 W.<br>1st Nov. 1890, No. 4484 C. |
| *Messrs. Hannan and Jopp.*—Passing orders relative to the grant of honorarium to — for supervision of certain works in Bezváda. | 11th do. do. No. 2992 W. | 6th June 1890, No. 1566 W.<br>18th Sept. 1890, No. 2493 W.<br>27th June 1881, No. 1923 W.<br>10th May 1889, No. 1237 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued*). 20th Aug. 1889, No. 2288 W. 24th Mar. 1890, No. 947 W. 5th Sept. 1890, No. 2400 W. 12th Sept. 1890, No. 2442 W. 10th Oct. 1887, No. 4077 C. 1st Sept. 1890, No. 2359 W. |
| *Inspection report of the Godávari Western division.*—Further explanations from the Executive Engineer, on the points noticed by the Deputy Examiner, Public Works Accounts, on the —, recorded, and further report relative to attestation of service books, awaited. | 11th Nov. 1890, No. 2993 W. | 23rd April 1887, No. 1112 W. 5th June 1888, No. 1647 W. 4th Nov. 1887, No. 2930 W. 8th Nov. 1888, No. 3564 W. 16th Jan. 1889, No. 107 W. 1st June 1889, No. 1457 W. 23rd Aug. 1889, No. 2321 W. 17th May 1890, No. 1389 W. 2nd June 1890, No. 1533 W. 23rd Aug. 1890, No. 2292 W. |
| *Government suits.*—Proceedings in the Educational Department defining the duties of Government Pleaders, communicated to officers of the Public Works Department in continuation of G.O., No. 1615 W., dated 20th June 1889. | 11th do. do. No. 2994 W. | 20th June 1889, No. 1618 W. |
| *Leper hospital, Madras.*—Letter from the Surgeon-General with the Government of Madras, forwarding, with remarks, copy of a minute by His Excellency the Governor relative to the site selected for the temporary sheds to be constructed in the compound of the —, communicated to the Consulting Architect to Government, with instructions. | 11th do. do. No. 2995 W. | ...... |
| *Government School-house, Dindigul.*—Proceedings, Educational Department, approving of proposal of the Director of Public Instruction regarding the transfer of the — to the Municipal Council on certain conditions, communicated to the Superintending Engineer, VI Circle. | 11th do. do. No. 2996 W. | 12th July 1884, No. 1728 W. |
| *Funds.*—Sanctioning certain modification of allotments submitted by the Superintending Engineer, II Circle. | 13th do. do. No. 3003 W. / A | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Furlough allowances.*—Reminder from Government of India calling for statement regarding grant of — at par to Engineer officers who entered Cooper's Hill College during 1871-74, recorded with reference to G.O., No. 2867 W., dated 29th October 1890. | 13th Nov. 1890, No. 3011 W. | 29th Oct. 1890, Nos. 2867-68 W. 4th Nov. 1890, Nos. 2922-23 W. |
| *Major C. H P. Christie and Mr. F. Morrison.*—Report of assumption and relief of charge of office of Examiner, Public Works Accounts, by—respectively, recorded. | 13th do. do. No. 3012 W. | 11th Aug. 1890, No. 2174 W. |
| *Stores.*—Ordered that the Government of India be addressed on the subject of the small provision now made in the estimate of stores required from England for the Public Works Department. | 13th do. do. No. 3013 W. | 13th Sept. 1890, No. 2457 W. 3rd Oct. 1890, No. 3972 C. 20th Aug. 1889, No. 2887 W. 23rd Aug. 1887, No. 2835 C. 29th Aug. 1887, No. 2319 W. 8th Nov. 1887, No. 3964 C. 3rd Mar. 1885, No. 480 W. Des. No. 20 of 1884, 25th Feb. 1887, Nos. 580—82 W. 29th Nov. 1889, No. 5597 C. 22nd Dec. 1887, No. 4846 C. 21st May 1887, No. 1384 W. 8th Sept. 1888, Nos. 2781-82 W. 15th June 1887, No. 1610 W. 21st Sept. 1887, Nos. 2501-02 W. 9th Aug. 1889, Nos. 2146-47 W. 31st July 1889, Nos. 2060-61. 21st Mar. 1890, Nos. 914—16 W. 21st Feb. 1889, Nos. 529—31 W. 11th Feb. 1888, Nos. 486—88 W. 8th Nov. 1886, No. 4913 C. 18th Oct. 1886, Nos. 2744-45 W. 23rd Aug. 1886, No. 2884 C. 30th Sept. 1886, No. 2567 W. 18th Sept. 1886, No. 3161 C. 27th Aug. 1886, No. 2945 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued*). 18th Aug. 1886, No. 2821 C. 18th Aug. 1886, No. 2079 W. 13th Aug. 1886, Nos. 2035-36 W. 27th July 1886, Nos. 1893-94 W. 28th July 1885, Nos. 1736-37 W. 26th May 1886, No. 1318 W. 25th Jan. 1886, No. 202 W. 9th Aug. 1884, No. 1942 W. 20th Oct. 1882, No. 840 I. 25th Feb. 1887, Nos. 580—82 W. 30th July 1886, No. 2567 W. 26th July 1887, No. 1987 W. |
| The Government of India addressed ... ... | 13th Nov. 1890, No. 3014 W. | ..... |
| *Funds.*—Rs. 360 required for the Coimbatore division under Imperial Civil Buildings, repairs, allotted from the Provincial reserve. | 13th do. do. No. 3016 W. | 22nd Aug. 1890, No. 2283 W. |
| *Funds* —Certain — surrendered by the Superintending Engineer, I Circle, resumed and credited to the reserve and certain appropriations made therefrom. | 13th do. do. No. 3017 W. | 15th Sept. 1890, No. 2465 W. |
| *Periyár Project.*—The local purchase of English Portland cement for use on the main drain, —, sanctioned. | 13th do. do. No. 3018 W. | ...... |
| *Presidency College.*—Estimate for a new pump required for the biological laboratory at the — returned to the Consulting Architect for sanction and execution. | 13th do. do. No. 3019 W. | ...... |
| *Loss of timber in Sawpit account, Kistna Eastern division.*—Proposal of the Superintending Engineer, II Circle, to write off the amount on account of — to certain head of account, approved with remarks. | 13th do. do. No. 3020 W. | ...... |
| *Madras Upper Subordinate establishment.*—Ordered that the Government of India be addressed relative to permanent promotions being made in the — in place of subordinates transferred to the Military Works Department. | 13th do. do. No. 3021 W. | 31st May 1888, Nos. 1583-84 W. 21st Dec. 1889, Nos. 3645-46 W. 17th Jan. 1890, No. 135 W. 21st April 1890, No 1180 W. 3rd Jan. 1890, No. 8 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued*). 24th April 1890, No. 1226 W. 28th April 1890, No. 1234 W. 17th July 1890, No. 1945 W. 6th Aug. 1890, No. 584 D. 17th July 1890, No. 3080 C. 23rd July 1890, No. 3147 C. 22nd Aug. 1890, No. 667 D. 26th Aug. 1890, No. 698 D. 27th Oct. 1890, Nos. 2835-36 W. |
| The Government of India addressed ... ... | 13th Nov. 1890, No. 3022 W. | ...... |
| *Correspondence.*—Letter to Government of Bombay, Public Works Department, forwarding Government of India Resolution No. 519 A.R., dated 20th October 1890, with 90 spare copies addressed to the Government of Bombay, but sent to this Government by mistake ; and copy of above forwarded to Government of India. | 13th do. do. No. 3023 W. | ...... |
| *Post office at Peopally, Kurnool district.*—Rs. 129 required for repairs to the — allotted from the Provincial reserve. | 14th do. do. No. 3027 W. | 15th Oct. 1890, No. 2914 W. |
| *School-house at Bhadráchalam, Godávari district.*—Funds allotted from the reserve for constructing a — and allotment of funds for reconstructing the church at Dowlaishweram, deferred pending receipt of further information. | 14th do. do. No. 3028 W. | 18th Sept. 1883, No. 2628 W. 30th Oct. 1883, No. 858 I. 3rd Nov. 1883, No. 3116 W. 22nd Dec. 1883 No. 3693 W. 2nd May 1885, No. 1035 W. 4th Aug. 1890, No. 571 D. 6th Oct. 1890, No. 2006 W. 6th June 1890, No. 1561 W. |
| *Old Range office at Nandyál.*—Sale of the —, sanctioned. | 14th do. do. No. 3029 W. | 3rd Sept. 1890, Nos. 2368-69 W. 20th Oct. 1890, No. 2771 W. |
| *Temporary clerk in Kistna Eastern division.*—The employment of a — for three months for sorting old records, sanctioned, with remarks. | 14th do. do. No. 3030 W. | 25th Sept. 1890, No. 2545 W. |
| *Stores.*—The local purchase of certain articles of European manufacture, V Circle, sanctioned. | 14th do. do. No. 3031 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Budgets.*—Resolution of the Government of India regarding procedure for settlement of details of Imperial grants, and dates of submission of the revised and budget estimates, for Civil and Irrigation Works and Telegraph services, communicated to the Chief Engineer for Irrigation and the Consulting Engineer for Railways, and the Government of India addressed separately. | 14th Nov. 1890, No. 3032 W. | ...... |
| The Government of India addressed ... ... | 14th do. do. No. 3033 W. | ...... |
| *Mr. J. C. Larminic, Executive Engineer.*—The cost of the carriage by railway of horses and camp equipment from Bangalore to Bellary *viâ* Arkónam of —, sanctioned, and the refund to him of the cost of the conveyance of his camp equipment from Arkónam to Madras and back also, sanctioned. | 14th do. do. No. 3034 W. | ...... |
| *Secretariat offices on Storehouse Hill.*—The plan and estimate for improvements to —, approved and returned to Superintending Engineer, IV Circle, for early execution. | 14th do. do. No. 3035 W. | 21st July 1890, No. 496 D. 29th Oct. 1890, No. 4412 C. |
| *Funds.*—Certain — surrendered by Superintending Engineer, V Circle, resumed and credited to the reserve and certain allotments made therefrom. | 14th do. do. No. 3036 W. | ...... |
| *Funds* —Certain — surrendered by the Superintending Engineer, VI Circle, resumed and credited to the reserve and certain allotments made therefrom. | 14th do. do. No. 3037 W. | 11th Oct. 1889, No. 2821 W. |
| *Rent.*—Orders on correspondence regarding — to be paid by the Eastern Extension Telegraph Company for rooms occupied by them in the General Telegraph office, Madras. | 14th do. do. No. 3038 W. | 24th Jan. 1890, No. 242 W. |
| *Apparatus for testing Lightning Conductors.*—Estimate of Rs. 9 on account of freight paid for the — submitted by the Superintending Engineer, VI Circle, sanctioned, and funds allotted from the reserve. | 14th do. do. No. 3039 W. | 6th Feb. 1886, No. 324 W. 2nd Sept. 1889, No. 3916 C. 5th Feb. 1890, No. 608 C. 3rd Nov. 1890, No. 2900 W. |
| *Late Samarapuri Moodali, Contractor.*—The Consulting Architect directed to disburse the sum of Rs. 561-2-8 due to the heir of the —. | 15th do. do. No. 3041 W. | 23rd July 1890, No. 516 D. 6th June 1890, No. 228 D. 13th April 1889, No. 49 D. 20th Feb. 1889, No. 845 C. 25th Feb. 1890, No. 591 W. 28th Nov. 1888, No. 3753 W. 25th Oct. 1888, No. 3409 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | *(Continued)* 18th June 1888, No. 540 D. 6th June 1888, No. 1665 W. 12th May 1888, No. 1395 W. 26th April 1888, No. 1238 W. 23rd Oct. 1886, No. 2805 W. 29th Oct. 1886, No. 2841 W. 25th May 1886, No. 1308 W. |
| *Unanswered References.*—Orders on list of — of Board's Proceedings, transferred to the Public Works Department. | 15th Nov. 1890, No. 3042 W. | 23rd Aug. 1890, No. 680 D. 12th Sept. 1890, No. 1370 R. 12th Sept. 1890, No. 1369 R. 3rd Nov. 1890, No. 2893 W. |
| *St. Thomas' Church, Cocanada.*—Proceedings, Ecclesiastical Department, regarding completion of the inside work to the chancel of — and inability of Government to reconsider its decision recorded in G.O., No. 2516 W., dated 20th September 1890, communicated to the Superintending Engineer, I Circle. | 15th do. do. No. 3043 W. | 5th Mar. 1886, No. 586 W. 4th Feb. 1890, No. 371 W. 15th Feb. 1890, No. 503 W. 20th Mar. 1890, No. 911 W. 20th May 1890, No. 1419 W. 18th June 1890, No. 1695 W. 16th Aug. 1890, No. 625 D. 20th Sept. 1890, No. 2516 W. |
| *Mr. G. D. Wybrow, Superintending Engineer.*—Investing — with certain powers of sanction. | 15th do. do. No. 3044 W. | 21st Dec. 1888, No. 3997 W. 5th June 1889, No. 1476 W. 12th Mar. 1888, No. 810 W. |
| *Travellers' bungalow at Rénigunta, North Arcot Division.*—Proceedings in the Judicial Department approving of the transfer of the — to the Police Department, communicated to the Superintending Engineer, V Circle. | 15th do. do. No. 3045 W. | ...... |
| *Gratuity.*—Proceedings in the Pension Department granting a compensation — to G. Pauliah, late Signaller, Kurnool Division, recorded. | 15th do. do. No. 3046 W. | ...... |
| *Completion reports overdue for quarter ending 30th June* 1889.—Explanation regarding submission of certain — in Ganjam division, recorded. | 15th do. do. No. 3047 W. | 30th July 1889, No. 2047 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Inspection notes of the Vizagapatam Division office.*—Explanation of the Executive Engineer on the several points noticed by the Deputy Examiner in his —, recorded. | 15th Nov. 1890, No. 3048 W. | 18th July 1890, No. 3092 C. 16th June 1890, No. 1674 W. 26th Feb. 1890, No. 1056 C. 26th Feb. 1890, No. 609 W. |
| *Casuarina topes on the Beach, Madras.*—Proceedings in the Military Department approving of the instructions issued by His Excellency the Commander-in-Chief for cutting gaps through the belts of the —, recorded. | 15th do. do. No. 3049 W. | 17th Sept. 1890, No. 2483 W. |
| *Sappers' Hill at Dowlaishweram.*—Proceedings in the Judicial Department communicating to the Inspector-General of Jails reference from Public Works Department, regarding undesirability of handing over to the jail authorities a portion of the — for a cholera camping ground for prisoners, communicated to the Superintending Engineer, I Circle. | 15th do. do. No. 3050 W. | 8th Oct. 1890, No. 4030 C. 13th Nov. 1890, No. 4645 C. |
| *A. Raghavulu, Acting Wharf Clerk, Kotapatam.*—Proceedings in the Educational Department sanctioning the temporary employment of — for 15 days from 28th September 1890, communicated to the Superintending Engineer, II Circle. | 15th do. do. No. 3051 W. | 16th Oct. 1890, No. 4194 C. |
| *Service books.*—Proceedings in the Pension Department communicating approval of the Government of India to the rules regarding the prevention of unnecessary accumulation of — of officers who have left the Government service, communicated to officers of the Public Works Department. | 15th do. do. No. 3052 W. | 8th Sept. 1890, No. 2407 W. |
| *Civil Engineer's Provident Fund.*—Letter from the Government of India declining to grant Mr. Larminie's request to be permitted to withdraw the amount at his credit in the —, communicated to that officer. | 15th do. do. No. 3053 W. | 23rd Aug. 1890, No. 3495 C. 13th Sept. 1890, Nos. 2458-59 W. |
| *Major W. L. C. Baddeley, R.E.*—Ordered that the Government of India be addressed on the subject of an application from — requesting reconsideration of the concession granted him by the Government of India for famine service in 1878. | 17th do. do. No. 3058 W. | 19th July 1883, No. 1996 W. 3rd Mar. 1883, No. 690 W. 15th Nov. 1882, No. 3033 W. 15th Feb. 1881, No. 410 W. 26th May 1880, No. 1248 W. 11th July 1883, No. 1941 W. 2nd July 1883, No. 1835-A. W. 29th June 1882, No. 322 E. 17th Nov. 1881, No. 2876 W. 12th April 1881, No. 985 W. 30th Dec. 1880, No. 2967 W. |
| The Government of India addressed ... ... | 17th Nov. 1890, No. 3059 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Returns.*—The Government of India addressed in regard to delay in the submission of — by Executive Engineer other than the Examiner, Public Works Accounts, and that reminders have been issued to the Revenue and Judicial Departments. | 17th do. do. No. 3060 W. | 13th Aug. 1890, No. 2201 W. 5th Nov. 1890, No. 4532 C. 5th Nov. 1890, No. 4531 C. 14th May 1890, Nos. 1356-57 W. |
| *Artificers, &c.*—Report from the Military Department that there are no — in the 1st or 4th Pioneers for employment on the Potinghi-Koraput road, communicated to the Superintending Engineer, I Circle. | 17th do. do. No. 3061 W. | 14th May 1890, No. 1354 W. 24th July 1890, No. 2023 W. 15th Oct. 1890, No. 4173 C. |
| *Colonel W. H. Burton, R.E., Superintending Engineer.*—Sanction accorded to — having proceeded on duty on 17th October 1890 to Bangalore to make valuation of stores, transferred to the Madras Military Works Division. | 17th do. do. No. 3062 W. | ...... |
| *Stores.*—The local purchase of certain English — for the Gadilam bridge works, sanctioned. | 17th do. do. No. 3063 W. | ...... |
| *Victoria hospital for caste and gosha women, Madras.*—The execution by the Public Works Department of the work for providing iron ladders and fence piping to the —, approved, and the estimate returned to the Consulting Architect to Government for sanction. | 17th do. do. No. 3064 W. | ...... |
| *Budget estimates.*—Proceedings in the Financial Department reviewing the — of the Chief, Revenue and Military Secretariats at for 1891-92, recorded. | 17th do. do. No. 3065 W. | 11th Dec. 1889, No. 3527 W. |
| *Colonel A. T. Fraser, R.E.*—The report from — regarding the transfer of the warrant granted him by the Accountant-General, Bombay, to the Colony of British Columbia, ordered to be forwarded to the Government of India. | 18th do. do. No. 3067 W. | ...... |
| Forwarded ... ... ... ... ... | 18th do. do. No. 3068 W. | ...... |
| *Mr. C. H. B. Burlton, Executive Engineer.*—Memorial from — regarding damage done to his prospects of promotion due to appointment of Military officers of other Presidencies to the Military Works Department in Madras, ordered to be forwarded to the Government of India. | 18th do. do. No. 3069 W. | 6th Nov. 1890, Nos. 2741-42 W. |
| Forwarded ... ... ... ... ... | 18th do. do. No. 3070 W. | ...... |
| *Pensions.*—Proceedings in the Pension Department granting compensation — to certain individuals of the office of the Examiner, Public Works Accounts, recorded. | 18th do. do. No. 3071 W. | ...... |
| *Public Holidays.*—Proceedings in the Public Department passing orders regarding the revised list of gazetted — in the Presidency, communicated to officers of the department for information and guidance. | 18th do. do. No. 3073 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Promotions*—Vice *Mr. de' Winton, temporarily transferred to the Military Works Division.*—Directing that the — be notified in the Gazette and the Government of India addressed on the subject. | 18th Nov. 1890, No. 3074 W. | 5th Nov. 1890, No. 4530 C. 23rd Oct. 1890, No. 4314 C. 7th Oct. 1890, No. 3995 C. 10th Oct. 1890, No. 2661 W. 16th Oct. 1890, No. 2730 W. 7th Feb. 1885, No. 297 W. 21st Dec. 1882, No. 3381 W. |
| The Government of India addressed ... ... | 18th do. do. No. 3075 W. | ...... |
| *Rate List.*—Circular from the Director-General of Railways forwarding a — for class G, State Railway stores for 1888, communicated to officers of the Public Works Department. | 18th do. do. No. 3076 W. | 9th June 1887, No. 1550 W. 15th July 1885, No. 1658 W. 20th Nov. 1885, No. 2770 W. 27th Sept. 1886, No. 2528 W. 13th Oct. 1886, No. 2682 W. 4th Dec. 1886, No. 3212 W. 11th Dec. 1886, No. 3280 W. 18th Jan. 1890, No. 100 W. 1st Aug. 1890, No. 2096 W. 10th Oct. 1890, No. 4110 C. 11th Oct. 1890, No. 4642 C. |
| *Ganjam Agency.*—Proceedings in the Judicial Department reviewing the Administration Report of the — for 1889-90, communicated to the Superintending Engineer, I Circle, for report, with reference to the Principal Assistant Agent's remarks regarding state of roads in the district. | 18th do. do. No. 3077 W. | 15th Dec. 1889, No. 3463 W. |
| *Civil works and repairs at Bangalore and Wellington.*—Funds allotted from the reserve for certain —, and Examiner authorised to place the amount at the disposal of the Chief Engineer, Military Works. | 18th do. do. No. 3079 W. | ...... |
| *Suit.*—The payment of Rs. 5, being the vakil's fee for defending the Támbraparni Flood bank case, sanctioned. | 18th do. do. No. 3080 W. | 30th July 1890, No. 2068 W. 11th Mar. 1890, No. 796 W. 14th Feb. 1890, No. 485 W. 10th Sept. 1889, No. 2497 W. 2nd Aug. 1888, No. 2354 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued.*) 26th July 1888, No. 2814 C. 23rd July 1888, No. 2250 W. 12th July 1888, No. 2109 W. 5th July 1888, No. 2026 W. 26th April 1888, No. 1722 C. 24th April 1888, No. 1213 W. 6th April 1888, No. 1482 C. 5th April 1888, No. 464 C. 15th Mar. 1888, No. 1116 C. 2nd Mar. 1888, No. 885 C. 23rd Jan. 1888, No. 278 W. 7th Jan. 1884, No. 16 I. 16th Nov. 1883, No. 905 I. |
| *Accretion to the foreshore of the Madras Harbour.*—Proceedings in the Marine Department directing the Collector of Madras to prevent the use of the — by private persons, except under his special permission and license, recorded. | 18th Nov. 1889, No. 3081 W. | ...... |
| *Yellamanchili Sub-division, Vizagapatam District.*—The employment of three lascars in the —, sanctioned. | 18th do. do. No. 3082 W. | 15th Oct. 1890, No. 2726 W. |
| *Accountants.*—Statement showing proposed transfer of — in the office of the Examiner, Public Works Accounts, sanctioned. | 18th do. do. No. 3083 W. | ...... |
| *Rate List.*—Circular from the Director-General of Railways forwarding — class D, Permanent-way materials for 1889, communicated to officers of the Public Works Department. | 18th do. do. No. 3084 W. | ...... |
| *Mr. Loam, Assistant Engineer, 2nd Grade.*—The grant of an increment of Rs. 50 to —, sanctioned with effect from 1st April 1890. | 19th do. do. No. 3088 W. | ...... |
| *Mr. Larminie, Executive Engineer.*—Further letter from — requesting sanction to the conveyance of his horses and grass-cutters from Bangalore to Bellary, recorded in continuation of G.O., No. 3034 W., dated 14th November 1890. | 19th do. do. No. 3089 W. | 14th Nov. 1890, No. 3034 W. |
| *Government Telephones.*—Letter to the Superintendent of Telegraphs, Madras Division, drawing attention to the inefficient character of the — as compared with those of private companies, and desiring some change should be carried out at once that will make the working of the lines thoroughly efficient. | 19th do. do. No. 3090 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Appointments.*—Proceedings in the Educational Department requesting early reply from Director of Public Instruction to a reference regarding the limitation imposed by an order in that department relative to permanent — of the Upper Subordinate establishment of the Public Works Department, recorded. | 19th Nov. 1890, No. 3091 W. | 3rd Nov. 1890, Nos. 2595-96 W. 6th Sept. 1890, No. 314 D. 29th Aug. 1890, No. 720 D. 11th Sept. 1890, No. 3718 C. 11th Sept. 1890, No. 3717 C. 23rd April 1890, No. 1982 C. 22nd July 1890, No. 2005 W. 7th Feb. 1888, No. 345 W. 8th June 1889, No. 2700 C. 23rd Mar. 1889, No. 877 W. 23rd Mar. 1889, No. 876 W. 7th Dec. 1887, Nos. 3348-49 W. 31st Jan. 1889, No. 465 C. 10th Oct. 1888, No 3816 C. 16th Feb. 1888, No. 559 W. 11th Jan. 1888, No. 97 W. 10th June 1887, No. 214 D. 18th Jan. 1886, No. 138 W. 9th Jan 1885, No. 74 W. 4th May 1883, No. 1361 W. |
| *Suit.*—The payment of charges incurred for defending the appeal — brought by P. Venkanna regarding certain lands taken up for Dumagudiem-Bhadráchalam canal, sanctioned. | 19th do. do. No. 3092 W. | 28th Aug. 1890, No. 2324 W. |
| *Sub-Conductor A. C. Lord.*—Extract from a despatch from the Secretary of State stating that — has been instructed in electricity at Chatham from 17th March to 13th September 1890, recorded. | 19th do. do. No. 3093 W. | 25th Sept. 1889, No. 4293 C. 25th Sept. 1889, No. 4303 C. 7th Oct. 1889, No. 4500 C. 14th Oct. 1889, No. 4630 C. 14th Oct. 1889, No. 4638 C. 16th Oct. 1889, No. 4707 C. 19th Oct. 1889, No. 4782 C. 28th Oct. 1889, No. 3041 W. 1st Nov. 1889, Nos 3097-98 W. 7th Nov. 1889, No. 5175 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| *Inspection Notes of the Chingleput division office.*—Further replies from the Executive Engineer to remarks noticed by the Examiner in the —, recorded. | 19th Nov. 1890, No. 3094 W. | 9th May 1890, No. 2194 C.<br>19th May 1890, No. 2302 C.<br>23rd June 1890, No. 1745 W.<br>31st July 1890, No. 3216 W.<br>28th Aug. 1890, No. 3548 C.<br>24th Sept. 1890, No. 3866 C.<br>3rd Nov. 1890, No. 4499 C.<br>3rd Nov. 1890, No. 4500 C. |
| *C. Krishnamurty Naidoo, late temporary overseer, Ganjam division.*—The Examiner authorised to pass the claim to travelling allowance of —. | 19th do. do. No. 3095 W. | 10th May 1887, No. 1261 W.<br>24th Oct. 1890, No. 4331 C. |
| *Archæology.*—Proceedings in the Public Department according sanction to the temple at Vikramangalam being struck out of the list of monuments in the Madura district selected for conservation, communicated to the Superintending Engineer, VI Circle. | 19th do. do. No. 3096 W. | 16th Feb. 1888, No. 529 W.<br>1st Oct. 1890, No. 3939 C. |
| *Report on Native Newspapers.*—The — examined for the fortnight ending 31st October 1890, recorded. | 20th do. do. No. 3097 W. | ...... |
| *Minor Works in charge of the Madras Public Works Department.*—From the Director-General of Military Works transferring Rs. 4,980 from the grant at his disposal for —, communicated to the Military Department and the Examiner, Public Works Accounts. | 20th do. do. No. 3098 W. | 2nd May 1890, Nos. 1260-61 W.<br>28th May 1890, No. 1490 W.<br>18th July 1890, Nos. 1960-61 W.<br>11th Oct. 1890, No. 2681 W.<br>7th Nov. 1890, No. 2944 W.<br>1st Oct. 1890, Nos. 2587-88 W.<br>3rd Nov. 1890, No. 2899 W. |
| *Messrs. A. S. Russell and C. H. B. Burlton.*—Ordered that the supplemental statement showing arrears of furlough pay due to —, be forwarded to the Government of India. | 20th do. do. No. 3099 W. | 29th Oct. 1890, Nos. 2867-68 W.<br>17th June 1890, No. 1687 W.<br>26th Mar. 1885, No. 750 W.<br>8th Sept. 1890, No. 3660 C.<br>8th Sept. 1890, No. 3659 C.<br>16th Oct. 1890, No. 4209 C.<br>16th Oct. 1890, No. 4210 C.<br>16th Oct. 1890, No. 2735 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
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| | | (*Continued*).<br>15th Oct. 1890, No. 4187 C.<br>31st Oct. 1890, No. 2882 W.<br>7th Nov. 1890, No. 4566 C.<br>4th Nov. 1890, Nos. 2922-23 W.<br>13th Nov. 1890, No. 3011 W. |
| Forwarded ... ... ... ... ... | 20th Nov. 1890, No. 3100 W. | ...... |
| *Civil Engineer's Provident Fund.*—Letter from the Government of India refering with referrence to Mr. Burlton's inquiry whether he will be given the option of converting the amount of his contribution to the — into sterling money at stated periods, to the orders already passed on Mr. Larmanie's case, communicated with a copy of G.O., letter No. 3081 G., dated 3rd November 1890, to Mr. Burlton. | 20th do. do. No. 3101 W. | 3rd Nov. 1884, No. 2710 W.<br>11th Feb. 1885, No. 317 W.<br>14th Nov. 1885, No. 2733 W.<br>15th Nov. 1890, No. 3053 W. |
| *Notes of Inspection, Ganjam division office.*—Note by the Examiner on explanation submitted by the Divisional officer to the several points noticed in the —, communicated to the Superintending Engineer, I Circle, for further report. | 20th do. do. No. 3102 W. | 10th Oct. 1889, No. 3521 W.<br>23rd Oct. 1890, No. 2816 W.<br>18th Aug. 1890, No. 3448 C.<br>24th Sept. 1890, No. 3865 C.<br>4th Nov. 1890, No. 4515 C.<br>6th Nov. 1890, No. 4554 C. |
| *Notes of Inspection of the Soath Arcot division office.*—Note by the Examiner on explanation of the Executive Engineer to the several points noticed in the —, communicated to the Superintending Engineer, V Circle, for further report. | 20th do. do. No. 3103 W. | ...... |
| *Notes of Inspection of the South Arcot division office.*—Explanation of the Executive Engineer in respect to several points noticed in the —, recorded. | 20th do. do. No. 3104 W. | 10th April 1890, No. 1799 C.<br>18th June 1890, No. 1700 W.<br>21st Aug. 1890, No. 2272 W.<br>5th Sept. 1890, No. 3637 C.<br>2nd Oct. 1890, No. 3952 C.<br>7th Oct. 1890, No. 2635 W.<br>31st Jan. 1890, No. 328 W.<br>16th May 1890, No. 1384 W.<br>17th Oct. 1890, No. 4228 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*). 6th Nov. 1890, No. 4536 C. 8th Nov. 1890, No. 4587 C. 13th Nov. 1890, No. 4655 C. |
| *Annual return of surplus stores and tools and plant.*—Letter from the Government of Bengal forwarding a printed list of — in the General and Irrigation Branches of the Public Works Department of that Government available for sale or transfer, communicated to the Superintending Engineer, V Circle. | 20th Nov. 1890, No. 3105 W. | 31st Jan. 1889, No. 259 W. |
| *Invalid pension.*—Proceedings in the Pension Department granting an — to Faqir Ahmad, late lascar, Public Works Department, Kistna Western division, recorded. | 20th do. do. No. 3106 W. | ...... |
| *Invalid pension.*—Proceedings in the Pension Department granting an — to M. Venkatarunga Chariar, late clerk, Vriddháchalam Sub-division, South Arcot division, recorded. | 20th do. do. No. 3107 W. | ...... |
| *Compensation pension.*—Proceedings in the Pension Department granting a — to Sithambaram Pillay, lock superintendent, Tinnevelly division, recorded. | 20th do. do. No. 3108 W. | ...... |
| *Correspondence.*—Copies of Government of India Circular No. 22 R., dated 27th October 1890, addressed to the Government of Bombay and sent to this office by mistake, and forwarded to the Government of Bombay. | 21st do. do. No. 3109 W. | 13th Nov. 1890, No. 3023 W. |
| *High School building at Anantapur.*—Proceedings in the Local and Municipal Department communicating letter from the Chairman, Municipal Council, Anantapur, regarding the payment of contribution towards the construction of the —, communicated to the Superintending Engineer, III Circle. | 21st do. do. No. 3110 W. | ...... |
| *Standing Orders of the Board of Revenue.*—Resolution of the Board of Revenue directing certain corrections being carried out in Standing Order No. 28 (new edition) regarding sub-division of survey fields, recorded. | 21st do. do. No. 3111 W. | ...... |
| *Standing Orders of the Board of Revenue.*—Resolution of the Board of Revenue amending Standing Order No. 152 regarding District Gazettes, recorded. | 21st do. do. No. 3112 W. | ...... |
| *Standing Orders of the Board of Revenue.*—Resolution of the Board of Revenue communicating Government Order approving of the proposed modification of Standing Order No. 52 on the subject of procedure to be adopted in connection with insufficiently stamped documents, recorded. | 21st do. do. No. 3113 W. | ...... |
| *Standing Orders of the Board of Revenue.*—Resolution of the Board of Revenue communicating G.O., sanctioning amendment of Standing Order No. 20 regarding application for transfer of registry, recorded. | 21st do. do. No. 3114 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Standing Orders of the Board of Revenue.*—Resolution of the Board of the Revenue recording Government Order making certain amendments to the new edition of the — regarding yeomiahs, recorded. | 21st Nov. 1890, No. 3115 W. | ...... |
| *Hayward Tyler and Co.*—Letter from — forwarding copy of their catalogue of engines, pumps, &c., and requesting patronage, recorded. | 21st do. do. No. 3116 W. | ...... |
| *Water-supply schemes.*—Proceedings in the Local and Municipal Department directing that the Kurnool, Bellary and Bezváda — together with papers connected with them in the Public Works Department should be transferred to the Sanitary Engineer, communicated to Superintending Engineers concerned, for information and guidance. | 22nd do. do. No. 3117 W. | 10th Jan. 1888, No. 87 W. 3rd Dec. 1887, No. 3314 W. 9th Mar. 1885, No. 587 D. 6th April 1888, No. 1042 W. 8th May 1886, No. 1159 W. 19th Dec. 1887, No. 3466 W. 1st July 1887, No. 1758 W. 20th Feb. 1889, No. 849 C. 2nd Mar. 1888, No. 730 W. 19th April 1888, No. 1626 C. 15th Mar. 1889, No. 5321 C. 28th Feb. 1890, No. 1088 C. |
| *Latrine.*—The sale by public auction of a certain — brought on the return of Military buildings at Trichinopoly, sanctioned. | 22nd do. do. No. 3118 W. | 4th Feb. 1888, No. 469 C. 19th Dec. 1887, No. 3467 W. 8th Dec. 1887, No. 3372 W. 14th Nov. 1887, No. 3066 W. 29th Sept. 1887, No. 2599 W. 9th May 1887, No. 1246 W. 12th Mar. 1887, Nos. 776-77 W. 13th Sept. 1886, No. 2314 W. |
| *Turlepetta Estate, Ganjam division.*—Letter from the Superintending Engineer, I Circle, explaining cause of surrender of funds allotted for —, communicated to the Revenue Department and the amount allotted resumed and replaced at the disposal of the Court of Wards. | 22nd do. do. No. 3119 W. | 20th Aug. 1890, No. 2255 W. |
| *Stores.*—The local purchase of certain articles of European manufacture, V Circle, sanctioned. | 22nd do. do. No. 3120 W. | ...... |
| *Completion reports.*—Explanation submitted by the Executive Engineer, Godávari Eastern division, with regard to the submission of certain —, recorded. | 22nd do. do. No. 3121 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Bungalow and premises at Vythiri, Wynaad.*—The documents relating to the — purchased by Government from the Basel German Evangelical Missionary Society, ordered to be lodged in the strong room, Government Record Department, Fort St. George. | 22nd Nov. 1890, No. 3122 W. | ...... |
| *Raising road No.* 51 *along the right bank of Harichendranadi river.*—Proceedings in the Local and Municipal Department sanctioning funds for — and directing the Accountant-General to place the amount at the disposal of the Public Works Department, communicated to the Superintending Engineer, VI Circle, and the Examiner, Public Works Accounts. | 24th do. do. No. 3125 W. | 31st July 1890, No. 2075 W. 29th Oct. 1890, No. 2770 W. |
| *Chellaperumal Pillai.*—Proceedings in the Educational Department declining to exempt —, Superintendent, Chembrambakam tank, from the examination rules, communicated to the Superintending Engineer, V Circle. | 24th do. do. No. 3126 W. | 14th Aug. 1888, No. 528 D. 1st Feb. 1889, No. 275 W. 10th Feb. 1890, No. 718 C. 17th July 1890, No. 469 D. 24th Oct. 1890, No. 4344 C. 20th Nov. 1890, No. 4171 C. |
| *Completion reports.*—Report from the Executive Engineer, Coimbatore division, regarding the Examiner's inquiries regarding — overdue in that division, recorded. | 24th do. do. No. 3127 W. | 10th Oct. 1890, No. 2663 W. 15th Nov. 1890, No. 4700 C. |
| *Reports.*—Proceedings of the Board of Revenue distributing bound copies of Land Revenue Settlement Report for fasli 1298 (1888-89), communicated to officers concerned. | 24th do. do. No. 3129 W. | 21st June 1889, No. 1665 W. 2nd July 1889, No. 1744 W. 27th Jan. 1890, No. 278 W. |
| *Articles of European manufacture.*—The local purchase of certain — for No. I, Periyar division, sanctioned, with remarks. | 25th do. do No. 3130 W. | ...... |
| *Funds.*—Orders on an application for modification of allotments by the Superintending Engineer, I Circle. | 25th do. do. No. 3131 W. | ...... |
| *Artesian borings.*—Letter to the Director of Public Works, Ceylon, forwarding, with remarks a statement showing the places at which experimental — have been made in this Presidency with the results. | 25th do. do. No. 3134 W. | 28th July 1885, No. 1732 W. 10th Nov. 1885, No. 2676 W. 2nd Dec. 1885, No. 2871 W. 6th Feb. 1886, No. 328 W. 5th May 1886, No. 1129 W. 2nd Dec. 1886, No. 3179 W. 22nd Dec. 1886, No. 3374 W. 24th June 1887, No. 1701 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*).<br>27th Sept. 1887, No. 2560 W.<br>21st Nov. 1887, No. 3147 W.<br>17th Dec. 1888, Nos. 3934-35 W.<br>5th Feb. 1889, No. 319 W.<br>17th April 1889, No. 1053 W.<br>7th May 1889, No. $\frac{1213}{A\ W.}$<br>30th Oct. 1889, No. 3069 W. |
| *Advertisement charges.*—The payment of the cost of — for tenders for the Munsif's Court at Proddutur, Cuddapah district, sanctioned. | 25th Nov. 1890, No. 3135 W. | ...... |
| "*Scrub Exterminator.*"—Proceedings in the Revenue Department forwarding samples of the — for trial and report in due course on the results of the experiments made with it, communicated to officers of the department for information and guidance, and samples forwarded to Superintending Engineers for trial, the result being reported in due course. | 25th do. do. No. 3140 W. | 29th Sept. 1889, No. 2710 W.<br>21st Nov. 1889, No. 5445 C.<br>20th Feb. 1890, No. 556 W. |
| *Trunk road from Vizagapatam to the Central Provinces.*—The employment of a temporary clerk for three months for preparing estimates for the construction of a —, sanctioned, with remarks. | 25th do. do. No. 3144 W. | 12th Aug 1889, No. 2183 W.<br>3rd Sept. 1888, No. 2737 W.<br>13th Sept. 1882, No. 2366 W. |
| *T. Subrahmanya Pillai, Rai Bahadur.*—Endorsement of the Surgeon-General forwarding Proceedings of a Medical Board held at Madras reporting that — is incapacitated for further service in consequence of leprosy, communicated to the Superintending Engineer, VI Circle, with instructions. | 25th do. do. No. 3145 W. | 13th Nov. 1890, No. 4661 C.<br>5th Nov. 1890, No. 2931 W.<br>19th Sept. 1890, No. 3810 C.<br>6th Sept. 1890, No. 760 D.<br>1st Sept. 1890, No. 722 D.<br>21st Aug. 1890, No. 661 D.<br>17th Mar. 1890, No. 1453 C.<br>23rd May 1890, No. 1395 W.<br>24th Aug. 1887, No. 2279 W.<br>25th Aug. 1889, No. 2676 W. |
| *Balagurusamy Naidu.*—Proceedings in the Educational Department, sanctioning, with remarks, the exemption from examination rules of — a temporary clerk in the Consulting Architect's office, communicated to the Consulting Architect. | 25th do. do. No. 3146 W. | 18th Sept. 1890, No. 3790 C.<br>24th Oct. 1890, No. 4337 C.<br>1st Nov. 1890, No. 4470 C. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Report.*—Proceedings in the Local and Municipal Department reviewing the report of the Salem District Board for 1889-90, communicated to the Superintending Engineer, IV Circle. | 25th Nov. 1890, No. 3147 W. | 27th Sept. 1889, No. 2708 W. |
| *B. Ramanjulu Naidu.*—Sanctioning the grant of an increment to the salary of — a clerk taken from the late Presidency division and now in the office of the Chief Engineer of the Madras Military Works. | 25th do. do. No. 3148 W. | ...... |
| *Funds.*—An allotment of Rs. 75 sanctioned to the Cuddapah division under Imperial Military, Repairs. | 25th do. do. No. 3149 W. | ...... |
| *Mr. B. H. Young, Executive Engineer.*—Memorial from — regarding slowness of promotion to Civil Engineers owing to Military officers not being transferred to the Military Works Department, ordered to be forwarded to the Government of India. | 25th do. do. No. 3150 W. | 7th Dec. 1889, No. 3492 W. 21st Oct. 1890, No. 4281 C. |
| Forwarded ... ... ... ... ... | 25th do. do. No. 3151 W. | ...... |
| *Capital and Revenue accounts of Military buildings in the Madras Presidency.*—Letter from the Government of India submitting certain observations on the — of 1889-90 submitted by this Government, recorded. | 25th do. do. No. 3152 W. | 7th Oct. 1890, No. 2627 W. |
| *Rent.*—Correspondence regarding calculation of — for the Police Assistant Superintendent's bungalow at Ramnad, recorded. | 25th do. do. No. 3153 W. | 16th Aug. 1886, No. 2050 W. 24th Jan. 1887, No. 222 W. 2nd June 1888, No. 1601 W. 8th Sept. 1890, Nos. 2417-18 W. |
| *M. Sashia.*—Sanctioning the grant of an increment to the salary of — a clerk taken from the late Presidency division and now in the office of the Chief Engineer, Madras Military Works. | 25th do. do. No. 3154 W. | ...... |
| *Petition Rules.*—Explanation of the term "dispensatory discretion" used in the Government of India, — recorded. | 25th do. do. No. 3155 W. | 3rd Nov. 1885, No. 2572 W. 7th Dec. 1889, No. 3492 W. 23rd Jan. 1890, No. 218 W. |
| *Captain Love, R.E.*—Proceedings in the Educational Department approving of the recommendation of the Director of Public Instruction to permitting — to undergo his Chatham course during 1891, and to hold a lieu in his civil employment in the College of Engineering, recorded. | 25th do. do. No. 3156 W. | 14th June 1887, No. 1601 W. 7th Dec. 1887, No. 4503 C. 16th Nov. 1889, No. 5347 C. 20th Nov. 1889, No. 5395 C. 20th Nov. 1889, No. 5396 C. 26th Nov. 1889, No. 3360 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*).<br>9th Dec. 1889, No. 5762 C.<br>14th Dec. 1889, No. 5871 C.<br>6th Jan. 1890, No. 18 W.<br>6th Feb. 1890, No. 394 W. |
| *Mr. H. S. Taylor, Executive Engineer.*—Ordered that a supplemental statement showing arrears of furlough pay due to —, be forwarded to the Government of India. | 26th Nov. 1890, No. 3157 W. | 29th Oct. 1890, Nos. 2867-68 W.<br>17th June 1890, No. 1687 W.<br>26th Mar. 1885, No. 750 W.<br>8th Sept. 1890, No. 3660 C.<br>8th Sept. 1890, No. 3659 C.<br>16th Oct. 1890, No. 4209 C.<br>16th Oct. 1890, No. 4210 C.<br>16th Oct. 1890, No. 2735 W.<br>15th Oct. 1890, No. 4187 C.<br>31st Oct. 1890, No. 2882 W.<br>7th Nov. 1890, No 4566 C.<br>14th Nov. 1890, Nos. 2922-23 W.<br>13th Nov. 1890, No. 3011 W.<br>20th Nov. 1890, Nos. 3099-3100 W. |
| Forwarded ... ... ... ... ... | 26th do. do. No. 3158 W. | ...... |
| *Vayalur Salt Factory.*—Ordered that the Government of India be addressed to sanction an additional allotment of Rs. 1,454 now required for repairs to the —. | 26th do. do. No. 3159 W. | 17th July 1890, No. 1936-37 W. |
| The Government of India addressed ... ... | 26th do. do. No. 3160 W. | ...... |
| *Messrs. P. R. Allen and J. E. Paul.*—Orders of the Government of India on memorials submitted by — appealing against retarded promotion in the Madras Public Works Department in consequence of the recent transfer of certain works to the Military Works Department having been carried out without the transfer of any senior officers, communicated to the officers concerned. | 26th do. do. No. 3161 W. | 15th Oct. 1890, No. 2721 W.<br>9th Oct. 1890, Nos. 2655-56 W.<br>20th Oct. 1890, Nos. 2789-90 W.<br>30th Sept. 1890, No. 3933 C. |
| *V. S. Manikam Mudaliyar.*—The appointment of — as temporary overseer on Rs. 60 per mensem and his posting to VI Circle, Tinnevelly division, on Tank Restoration Works, ordered. | 26th do. do. No. 3162 W. | 7th Aug. 1883, No. 2175 W.<br>5th Oct. 1883, No. 2799 W. |

| Subjects. | Number and date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| | | (*Continued*). 19th Jan. 1885, No. 57 I. 21st Jan. 1885, No. 129 C. 30th Jan. 1885, No. 179 C. 11th Feb. 1885, No. 334 C. 19th Feb. 1885, No. 334 C. 4th Mar. 1885, No. 432 C. 6th Feb. 1886, No. 322 W. 15th April 1886, No. 10 D. 17th May 1886, No. 1251 W. 27th Jan. 1888, No. 357 C. |
| *Divisional Accounts, Coimbatore division.*—Report by the Executive Engineer stating that the — for August 1890, were despatched by the 24th September so as to reach the Examiner on the 25th September 1890, recorded. | 26th Nov. 1890, No. 3163 W. | 6th Jan. 1885, No. 18 W. 23rd Mar. 1885, No. 721 W. 12th July 1890, No. 1879 W. 17th July 1890, No. 1942 W. 14th Oct. 1890, No. 2699 W. 13th Nov. 1890, No. 4648 C. |
| *Sub-Registrar's office at Tirukkattuppally, Tanjore district.*—Proceedings in the Judicial Department approving the proposals of the Inspector-General of Registration for the construction of a —, communicated to the Superintending Engineer, VI Circle, for submission of the requisite estimate. | 26th do. do. No. 3164 W. | 21st July 1888, No. 2230 W. |
| *Ponniár bridge.*—Proceedings in the Local and Municipal Department referring to President of all District Boards for report letter from the Superintending Engineer, V Circle, inquiring whether the four sets of centerings of the — can be utilised by any District Board, communicated to the Superintending Engineer, V Circle, with remarks. | 26th do. do. No. 3165 W. | 18th Sept 1890, No. 3796 C. 27th Oct. 1890, No. 4353 C. |
| *Railway Kistna bridge.*—The Superintending Engineer, II Circle, informed that work can be executed in the Bezváda workshops for the — the works being classed under "under departments" as ordered in G.O., No. 2838 W., dated 27th October 1890. | 26th do. do. No. 3166 W. | 27th Oct. 1890, No. 2838 W. 7th Nov. 1890, No. 4568 C. |
| *Statement of Objectionable Items.*—Orders on the —, West Coast division, for period ending 31st August 1890. | 26th do. do. No. 3167 W. | 16th June 1890, No. 1665 W. 26th Aug. 1890, No. 2309 W. |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Statement of objectionable items.*—Orders on the —, Tanjore division, for period ending 31st August 1890. | 26th Nov. 1890, No. 3168 W. | 26th Aug. 1890, No. 2310 W. |
| *Statement of objectionabl items.*—Orders on the —, Consulting Architect division, for period ending 31st August 1890. | 26th do. do. No. 3169 W. | 25th Aug. 1890, No. 2298 W. |
| *Statement of objectionable items.*—Orders on the — Kistna Eastern division, for period ending 31st August 1890. | 26th do. do. No. 3170 W. | 25th Aug. 1890, No. 2299 W. |
| *Service registers.*—Report from the Executive Engineer, Tinnevelly division, that the re-alteration of all — in his division has been completed, recorded. | 27th do. do. No. 3171 W. | 9th Aug. 1888, No. 2417 W. 2nd Oct. 1889, No. 2751 W. 1st Mar 1890, No. 660 W. 7th Jan. 1890, No. 48 C. 10th Sept. 1890, No. 3704 C. 8th Oct. 1890, No. 4024 C. 11th Oct. 1890, No. 4112 C. 7th Oct. 1890, No. 4005 C. 14th Oct. 1890, No. 4158 C. 21st Oct. 1890, No. 2800 W. 29th Oct. 1890, No. 4424 C. 18th Nov. 1890, No. 4732 C. |
| *Messrs. Lazaro and Roberts, clerks, Public Works Secretariat.*—Proceedings in the Public Department passing orders on the cases of indebtedness of —, recorded. | 27th do. do. No. 3172 W. | ...... |
| *Gosha hospital, Madras.*—The employment of a temporary draftsman on Rs. 35 per mensem for two months in the Consulting Architect's office to copy the plans of the —, sanctioned, with remarks. | 27th do. do. No. 3173 W. | 14th Nov. 1890, No. 4675 C. 5th Feb. 1890, No. 387 W. 22nd Jan. 1890, No. 400 C. 29th Aug. 1889, No. 3872 C. 26th Dec. 1889, No. 3659 W. 18th June 1888, No. 1805 W. 9th Aug. 1888, No. 2423 W. 10th July 1889, No. 1833 W. 26th Nov. 1889, No. 3354 W. |
| *Gosha hospital, Madras.*—The Resident in Hyderabad informed that a period of two months will be required to the copy the plans of the —. | 27th do. do. No. 3174 W. | ...... |

| Subjects. | Number and Date of Order. | Numbers and Dates of previous Orders. |
|---|---|---|
| *Veera Boyin, late piece-worker, Barur tank supply channel.*—Sanction accorded to the credit of the unclaimed sum of Rs. 5-13-8 due to — to "Provincial Revenue." | 27th Nov. 1890, No. 3175 W. | 8th Nov. 1890, No. 4591 C. |
| *Funds.*—Rs. 1,000 allotted from the Provincial reserve with the Government to the Bellary division under Civil Buldings, Minor Original Works. | 27th do. do. No. 3176 W. | ...... |
| *Police Head Constables.*—Proceedings in the Judicial Department accepting the Inspector-General's recommendation regarding the promulgation of an order that — should be addressed in the honorific plural, and be allowed seats when conducting cases in court, communicated to officer of the Public Works Department. | 27th do. do. No. 3177 W. | ...... |
| *Mr. J. D. Grant, Executive Engineer.*—Orders permitting — to retire from the service from 1st November 1890. | 27th do. do. No. 3178 W. | ...... |
| *Post office at Bangalore.*—Rs. 211 allotted from the reserve with the Government under Imperial Civil Buildings, Postal Repairs for repairing the — and the Examiner, Public Works Accounts, directed to place this amount at the disposal of the Chief Engineer, Military Works, Madras Command. | 27th do. do. No. 3179 W. | 8th Nov. 1890, No. 3079 W. |
| *Travelling allowance to the students of the Engineer and Engineer Subordinate classes.*—Proceedings in the Educational Department, stating that the Government of India will be asked to allow the new rules regarding the grant of — being brought into operation from 1st July 1890, recorded. | 27th do. do. No. 3180 W. | 17th Oct. 1890, No. 4220 C. 10th Sept. 1890, No. 3698 C. 4th July 1890, No. 1835 W. 18th Mar. 1890, No. 897 W. |
| *Office contingencies.*—Ordered that the Government of India be addressed as to the adoption in Madras of the Government of India rule regarding expenditure on —. | 28th do. do. No. 3181 W. | ...... |
| The Government of India addressed ... ... | 28th do. do. No. 3182 W. | ...... |
| *Central Jail at Trichinopoly.*—The execution of certain sanctioned works in connection with the —by the Superintendent, Central Jail, sanctioned, and funds will be supplied to that officer by means of an imprest which should be accounted for to the Executive Engineer, Trichinopoly division. | 28th do. do. No. 3183 W. | 24th Feb. 1890, No. 579 W. 13th Feb 1890, No. 466 W. 7th July 1890, No. 1852 W. 10th July 1890, No. 1877 W. |
| *Mr. J. P. Davidson, Executive Engineer.*—The maximum Presidency allowance of his rank granted to — while employed on special duty in the Chief Engineer's office. | 28th do. do. No. 3184 W. | ...... |